

Sequence Listing

<110> Baker, Kevin P.
Goddard, Audrey
Wood, William I.

<120> NOVEL POLYNUCLEOTIDES AND METHOD OF USE THEREOF

<130> P2751R1C1

<150> PCT/US00/20006
<151> 2000-07-21

<150> US 60/145,701
<151> 1999-07-26

<160> 564

<210> 1
<211> 478
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 212, 285, 424
<223> unknown base

<400> 1
agtttgttaa aaataataat gccaataata tatgttattt tacgtatgtt 50
tatacagatg cacgcttatt tatactttagt tgtaagtgaa ataaatggca 100
aaaatgatac aaggcatagg aagaagaaat taggattata tgctatgtaa 150
gaagcagttat agtgtttttt gaaaatagac ttgaatttagt tggaaatcca 200
tattgaaaac tntcggcaa acattttaa aaaataaaaa aatgatatgc 250
taagaaagaa gagaaaacgg aattcaccaa aatgntcaat taaaaccaca 300
aaaggaagca aaagtgtgga aaacaaaaag gggAACAAAG aataaggcaa 350
caaacagaaa acagtaacaa atatggtaag cattaatcca actatattaa 400
taatcacttt aaatatcaat ggtntaaata tgtcaattat aagacagaga 450
ttaccagagt ggacacacatta tataagct 478

<210> 2
<211> 682
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 45, 51, 62
<223> unknown base

<400> 2
acgttcgcgg ttcgagggtta gggccccggaa agcccgcagt aattncacgt 50
nttcccgccc gnttccggcc ccccagtggcc gcccttcgcgg ggccggaggc 100

gcgagtctgg gctttggcgcc cttcgcagcc gcaggcgaca tcctcttcc 150
tagctaaagc cccaaacgcc caggtggctt cctgggagag cacggctgag 200
cctccgcctt cagatcagaa caggcagagc ctccaagggc ggcttggcc 250
cagtgcctgc ttatcctgcc cgtctctcca cacttcttct ttcctgtcc 300
gttggagtcc attccttcct ggaaaagcca aagccgcgct cccctaagag 350
tcatgtgtta ctggattaat tgaaattctt gataggtAAC agagtttat 400
catcagctta tgattgccta tgactagctc aaagttaagt ttataaaac 450
tagtaagtac aataaacctc attcctaaat acaagaaaaa gaactatata 500
atgaataactt gtctctatgc ccctctcgca tagataacaa taattttagt 550
ttacctttaa atgaactgca tttaaatgaa attaatttaa atgattttt 600
cacggcacag tttcatcaat ggtctacggt atcccttatt tatgtataca 650
tcagtttgc tacatctgta tctatgtatt tg 682

<210> 3
<211> 835
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 1, 6, 12, 27, 29-31, 49, 53, 56, 58, 61-62, 66, 68, 71, 74,
78-81, 85-86, 88, 91, 95, 98, 102, 105, 109, 111, 115, 126-127,
131, 139, 142, 146-147, 157, 163, 166, 169, 175, 177, 184,
196-197, 199, 210, 215, 217, 219, 222, 228, 234, 236, 238,
240-241, 244-245, 257, 260, 263, 271, 279, 287, 291-331, 335,
337, 345, 384, 392, 418, 438, 459, 465, 478, 499, 501, 507, 533,
562, 579, 587, 598, 616, 630, 656, 661, 667, 671, 684, 702, 746,
811, 824-835
<223> unknown base

<400> 3
nagaanggaa gngaaggagg aagaggnnn naagagggag gggaaaagng 50
ganggnagnag nngagnangg nggnggannn naggnngnag naggnccnag 100
anggnaagng nttgnaagaa aggganngcc ngtaaaaana gnaccnnccc 150
aagaagngat tangngngnt tcctngntga agngtgtgga tcccanntnt 200
ttccccggan ttatngntng gnaacaanat ttcnangngn nacnnaggca 250
aacaatnaan ttnccaaggt nttggtagna tttccncgg nnnnnnnnnn 300
nnnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ngatntnggg gttntcccc 350
tttccccttc ccctttcccc accccggggg ttcnggttgg tnaagaaaaa 400
aaaaaaaaaa aagaattntg ggcgcgcctc ggcggagntg gtgatcgct 450
ggtgcatant cgcncttta ctactggnta tttggcatt ctgctggana 500
natgtngta aataccaaag tcggcggaa agngaagttg tttccaccat 550

aacagcaatt tnttttttag caattgcant tatcacntca gcacttgnac 600
cagagggaaat atttnggtt tcttacatgn aaaatcaaaa tggtacattt 650
aaggantggg ntaatgntaa ngtcagcaga cagntgagg acactgtatt 700
anacggttac tatactttat attctgttat attgttctgt gtgttnttct 750
ggatcccttt tgtctactta tattatgaag aaaaggatga tgatgatact 800
agtagatgta ntcaaattaa aacnnnnnn nnnnn 835

<210> 4
<211> 491
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 181, 213, 251, 335, 345-346, 350, 357, 374, 381, 387, 398, 401,
403, 427, 442, 447, 451, 463, 481, 484, 486, 489
<223> unknown base

<400> 4
agtttgttaa aaataataat gccaataata tatgttattt aacgtatgtt 50
tataacagat gcacgcttat ttatacttat gtgttaagtga aataaatggc 100
aaaaatgata caaggcatag gaagaagaaa ttaggattat atgctatgta 150
agaagcagta tagtgtttt tgaaaataga nttgaattag ttggaaatcc 200
atattgaaaa ctntcggca aacattttta aaaaataaaa aaatgatatg 250
ntaagaaaaga agagaaaacg gaattacaca aaatgctcaa ttaaaaccac 300
aaaaggaagc aaaagtgtgg aaaacaaaaa ggggnacaaa gaatnnggc 350
acaaacngca aacagtaaca attntggtaa ncattantcc aattatantt 400
ncnattactc taaatatcaa tgttttaat atgtctattt tnagacngag 450
nttaccagag agnacacatt atataaggc ngangngtng g 491

<210> 5
<211> 637
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 4, 12-13, 31, 37, 40, 43-44, 46, 50, 55, 64, 68, 78, 97, 114,
124-125, 137, 148, 183, 185, 227, 233, 236, 238, 264, 266, 268,
276, 322, 325, 334, 340, 345, 417, 426, 428, 472, 474-475,
482-484, 500, 502-503, 509-510, 521, 540, 543, 558, 588-589, 594,
598, 606, 616, 631, 633
<223> unknown base

<400> 5
ttcnnttgtca anngttttg gttccccctt nttccnggn ttnntntttn 50
ggaanaaaaa tttnaagnnta taccaagnaa aaaattaaat tccagnattt 100
ggattgaatt cccngggat cttnnagaga tcccttngac tttgaccnaa 150

gggtccggct ttaggggaag aagttggtgt ttngntggc cctggtaactg 200
aagacgcgtt ccgggttagcc caaagangtt tcntantnac ccaaagcccc 250
gcaccggcct tttntntntt ttcttntggc aggtgaggc gtgcaggcct 300
gggtgaagga gtacttcctg gnaantatgg gaantatggn tatgntaata 350
gtgggtatag tgccctgtgaa gaagaaaatg agaggctcac tgaaagttg 400
agaagcaaag taactgntat aaaatntntt tcccattgaa ataggccatg 450
aagttaaaac ccagaataaa tnannagcg annggatta aaaagacgan 500
tnnacaacnn tgattttgta ngtataacta tggcataan tgnagattt 550
ttccagangg agctaaacaa agatgttgc agatatgnng agntatnat 600
taattntcaa gtttgntcac ataggcgagc ntnaaac 637

<210> 6

<211> 969

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 12-13, 25, 46, 49, 53, 64, 94, 118, 134, 140, 153, 155, 164, 172,
175, 177, 182, 184, 191, 210, 218, 221, 223-224, 240, 242, 250,
259, 266-267, 272, 276, 298, 305-306, 319, 339-340, 344, 346,
348, 353, 384, 397, 408, 432, 455, 457, 470, 474, 480, 502, 504,
519, 525, 559, 579, 597, 625, 629, 631, 634, 645, 649, 655, 657,
666, 670, 675, 681, 697, 768, 773, 776, 786, 788, 791, 794, 816,
819, 830, 859, 877, 879, 886, 895, 904, 910, 913, 918, 925,
927-946, 952, 956, 958, 962, 966, 968-969

<223> unknown base

<400> 6

ccccttttc cnnggtttt ttttnggaaa aaaatttcag gggtancng 50
ggnaaaattt aaantccagg gtttgggggg atttccccgg ggtnctttg 100
gagttcctt ggacctgnaa caaagggttg gaantaaaan aaaaattaaa 150
aancnggggtt ttnggggaa anttnanaat gngnttgggg ncaagaaaaa 200
tgggttttn gggagggnaa ngnnggtca tttccaaatn gnaggggggn 250
aaaaatttna ggcttnnggg gnagggngaa aaaaatttcg tagcctcnag 300
gttgnnattt ttaaacctnc agaaggtggc cagccccnn tcancngntg 350
atnaaggcag atggaaaaag ggggatatgg ggtntataagg gtacctntca 400
ccctttnga aggaaaaaaaaa gtggtccaca gnattttgt ttacccaagg 450
gtaananatg gaattttgtn gaanataggn gaatggtgag gcatttgaa 500
anangggggg gggttttnt tgaanggggg agtagggta tggtatttta 550
tggaaaaana gtttttggc actaaaccont tttgaattac ctaatanatt 600
tatgtggaaa cctgtcctt tttncagnt naanaaaaat tttncncnt 650

gaaantnatt tttagnaagn atatnaaaaag nattttttt ttcaagnngtc 700
agaaaacctt tagcatcatt gaagtaaaa tgactgtcca taaactttc 750
agaaaatagta ggcatttnag gcacnagat ttgtanangg natnttcata 800
gaattataacc agtganttna ccacctgaan cctcttggat cccgtaagca 850
ttctttgcna caaggaaggg aggtatncng ggtaantcct tgaantttg 900
gacnggaacn atnactnga atttnnnnn nnnnnnnnnn nnnnnngccg 950
cngggncntt tntcgngnn 969

<210> 7

<211> 952

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 1, 3, 7, 23, 30, 38, 49, 53, 64, 68, 84, 90-92, 109, 130, 147,
152, 182, 198, 211, 221-222, 228, 239, 243, 255, 271, 300, 303,
308-309, 314, 322, 331, 337, 340, 345, 359, 377, 381, 385, 412,
422, 452, 463, 469, 475, 541, 547, 586, 777, 780-781, 784-787,
789, 798, 802-803, 825, 831, 838, 840, 853, 855, 863, 865, 872,
885, 889-890, 907, 921-952

<223> unknown base

<400> 7

ngnttngtt ccctttttc ccnggtttt ttttggnaa aaaaatttna 50
ggnttaaccc aggnaaanat taaattccaa gggntttggn nngaattccc 100
cgggggttnc ttttaggggt tccttgacn ttgaaccaaa ggttcnggc 150
cnggaggggg gggggaccgg tttttcccc cngcgttcc cccggggntg 200
ggggttgggg ngcccatttg nngaagtnag tggggaggg gantggAAC 250
ccggnagttt tggagaaagg nagttcctt ccttaaccct gggggttccn 300
ggngcccnng gagnggcagt tngggaaata ntgttnagn ggttnnnnn 350
gttttcctng ggtcccgcca agggggnggt ncttnataaa agggtgcctt 400
tttccccaca gnttccaggt cngagaggag ccgcacccgtc gggttggaga 450
tngcgcgcaa gngggctnt ggttnggatt tgccccgcatt cggccacagg 500
aaaagcctgg tccctaggca cggttgtggc tcgagcttt ntgttntcg 550
aacattgagg tattcgctca gcccaccacg ttgtcntcg ggttattagg 600
ccccagtcac aagccctatg atgtttcag acttcccagg tggagataag 650
gaaaatttta ctatttctgc agaacttctg ttgatgtaca gcattgtatt 700
tagcaacttc tgtgttagatc taaaataaa tacattacca attgttagtt 750
gcgttttat taatataatt ttagagnagn ngannnnngt gttagacnta 800
cnnaggtaaa ttatgtggca ctttngcatt nttgttgntn catgttcccc 850

tgnantttgc ttngngattt cnatttattc caaantcann atagaatgta 900
atttccnaac ccacagtcg nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 950
nn 952

<210> 8
<211> 752
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 4-6, 8, 11, 34, 37, 40, 87, 123, 125, 133-134, 138, 143, 147,
166, 171, 174, 199, 242, 263, 302, 305, 333, 363, 380, 423, 425,
463, 527, 534, 539, 547-548, 553, 556, 561, 583, 604, 607, 615,
618, 621, 624, 628, 638, 641-643, 646, 648, 654-655, 658, 660,
666, 674, 676, 679, 688-689, 704, 710-725, 727, 730, 735, 739,
741, 745, 747, 749, 751-752
<223> unknown base

<400> 8
ggannngntt ncaaaatggg attttaacc aaantanggn agagaaaagt 50
ttaagtgttt tgccaaaaaa attccaagga aaataangcg gagtttgatt 100
tttcagagtt caacaggaaa aangngaaca aanngccngg agnttnaaa 150
gttttggaa agccannttt natntgttca aggaacagtt tttatggng 200
atgccaatca gaattttgga cccagtataa tcaaggtcag antttcaacc 250
taagcctgga ccngaccat aataacggaa agtttaacaa tgactcacat 300
tntcntaaag tttccagcca gaataggaca cgntcatttgc gtcattttcc 350
cggtccagag ttnttggatg tagagaaaan tagctttcc caggaacaat 400
tttgtgattc cgcaggagaa ggntntgaaa gaatacatca agatggaa 450
tttggtgatg aanttagcag cagctccact gaacagataa gggcaaccac 500
acctccaaat caaggaaggc cagattntcc tgtntatgnt aacctnnag 550
aantgnaaat ntcccagtat ggtctcccc canttcttgg gagcctggta 600
atnagnnta ttggngcntg nganactnat atagacanct nnnggngntg 650
ttannatnan cacagnggaa catngnatng aagttggnnna cctcttgctt 700
ggantcgggn nnnnnnnnnn nnnnnncntcn ccgcngggnc nttntngng 750
nn 752

<210> 9
<211> 478
<212> DNA
<213> Homo Sapien

<400> 9
agtttggtaa aaataataat gccaataata tatgttattt tacgtatgta 50
tatacagatg cacgcttatttatacttatg tgtaagtgaa ataaatggca 100

aaaatgatac aaggcatagg aagaagaaat taggattata tgctatgtaa 150
gaagcagtat agtgttttt gaaaatagac ttgaattagt tggaaatcca 200
tattgaaaac tctcggcaa acattttaa aaaataaaaa aatgatatgc 250
taagaaagaa gagaaaacgg aattcaccaa aatgctcaat taaaaccaca 300
aaaggaagca aaagtgtgga aaacaaaaag gggAACAAAG aataaggcaa 350
caaacagaaa acagtaacaa atatggtaa cattaatcca actatattaa 400
taatcacttt aaatatcaat ggtctaaata tgtcaattat aagacagaga 450
ttaccagagt ggacacatta tataagct 478

<210> 10
<211> 279
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 90
<223> unknown base

<400> 10
ttttttttttt ttttttttg agacggagtc ttgctctgtt acccaggcgg 50
agtgcagtgg ccatgatctc ggctcaactgc actccagccn ggatgacaga 100
atgagactct gtctccaaaa ataaaataaa ataaaataaa agtatatga 150
acataaaaagt accttaggtc caaacaatga taacaactaa tatttattgg 200
gcgccttactg tggatgcat tgtgttaagc atttcacatg tatttactca 250
tttaatcctc acaaccatcc taaaaggc 279

<210> 11
<211> 171
<212> DNA
<213> Homo Sapien

<400> 11
gttccacgtt gcttgaaatt gaaaatcaag ataaaaatgt tcacaattaa 50
gtccttctt tttattgttc ctctagttat ttcctccaga attgatcaag 100
acaattcatc atttgattct ctatctccag agccaaaatc aagatttgct 150
atgttagacg atgtaaaaat t 171

<210> 12
<211> 615
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 53, 62, 104, 109-110, 134, 147, 159, 170-171, 209, 275, 304
<223> unknown base

<400> 12
cggaattact gttccagccg gtcgggtgg tttccttgc gttcccgcca 50
cgnggcggct cntcaactaaa aggctgcct tctccccac agctccaggt 100
cccnagagnn gccgcaccgt cgggttggag atcnccgtca agggtgncct 150
ctgggtctnc atctgccccn ncatcgcca caggaaaagc cctggtcccc 200
taggcacgnt cgtggtcga gctttcggt ctctcgaca ttgaggtatt 250
cgctcagccc accacgttgt ccctncgggg ttattaggcc ccagtcacaa 300
gccntatgga tgtttccag acttcccagg tggagataag gaaaattta 350
ctatttctgc agaacttctg ttgatgtaca gccattgtat ttagcaactt 400
cgtgtagatc tgaaaataaa tacattacca attgttagtt gcgttttat 450
taatataaaat cttagagtac ttgatttgc tggtagctt acttaggtaa 500
attatgtggc actctagcat tttgttgc gcatgttcca ttgaacttg 550
ctctgtgttt tccatttatt ccaaattcaa aatagactgt aacttcccaa 600
tttattctat gttcc 615

<210> 13
<211> 1207

<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 567, 675, 710, 733, 831-833, 1036
<223> unknown base

<400> 13
aacggacata gtcagaggg gttaagtgtat cagtcaggt tcacataact 50
aagtaatgac acagatggga cctgaacctg ggtctcagga ggctctggc 100
cctggccaaa ctatgtact atgtacatcc acctggtttc tgctcatggg 150
ttagtgtgtg acaggaacat tccatgtatgg ctgcagcctc catcccaggg 200
gcacttggag aagccattcc actcagcccc cttgaccaga agaacccttg 250
ggatggaaaa gggaatcctg attctgcaac tacgtgctcc catgagatct 300
gatittcagc cagggctgat cctggatgc cagcaaggaa gcccacatcat 350
ctcattgtta ctagactggc ccggctgaaa gattagacaa caacgtttac 400
tttgccatta gccctgcctg gcactcagta tggattgcc tggctttcag 450
gggcactggt tacagtgtct ccgatgcagg gcagccccctg ccaagggcac 500
aggtgttcat aaatattcca tgaaccaatc aaatcagccca tggaaatgaga 550
tctaaggAAC ctattcncgg caagcctgag acgaacactt aagcatgata 600
atgttatcaa cctggtctga taggcattgg ggcactggc cctcgcattt 650

tcaatcaggg tctcacccag ggacngatct ccaacaccaa aaaaacttgg 700
ttttccatn cccattccaa actgggctct cnccaaatg cccttagggc 750
attggggca agctggtccc cttggcaggt ttttcattc gaggttctca 800
cccccgaaaa accggggatc ttccaacacc nnngggAAC cttgtgttt 850
ccactccccca gtcccagacg tgggctgctt ctccagagat gcccgcaggt 900
tttaaaagtt aaattgatga taacttttt ggctcaagta tagaagtaat 950
acattatcca ttgttagatta tttataggta aataaaattt tttaaatgac 1000
ttttaacccc actaccaga actaaccacc actggngta gtaaatgaat 1050
atattgattt acttacaaat ataggaccac aagatatggc acatgtttg 1100
caaccaacct gtttgatag gcccagcttgc ttctgtgc gtaatttat 1150
ttgcaaccca aacccgcctt taaaagaaaa atcatggtct tgtatTTAC 1200
aagtgat 1207

<210> 14
<211> 789
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 552, 576
<223> unknown base

<400> 14
atcgattata aaagcagaaaa ttccacctgg ctgccCACCC caatttcagt 50
tttcctctaa gagttagcca ctattatccc ttcaGAGTGG atattcagGC 100
ttttcttcc tggcatggac atacatatgt aaatgtacat atataaaaat 150
aattagtGAC accatGcatG gtagctcacG cctgtAAtCC cagcactttG 200
ggacgctgag gtgagagaat tgcttgaggC catcagtttG aagctgcagt 250
gatctatgt tgtgcctcta cactccAGCC tgggtgacAG ggtgagACCC 300
tgtctcttaa aaaaaaaattc gtatttgggg tttagtagtag tacctacCC 350
ataggTTATT atgggatcag tacAGTAGGC cagacaAAGT gcttatGCTA 400
ttatTTGCA tgttagtaAGT accAGCATAT actacACTGTT atccAGAAAT 450
ttgctgaaat gtcccttGta ttttctcttC ttGATTtG atcAGTCTTC 500
ctagaAGTCa tcAGTTGAG ttTTTCAAa gaACCAGTGG ttggTTAAT 550
gnatttggTT tGTTTCTTT tCCAANGATT tctGCTTAC tcCTTAATAA 600
ttccCTTTc tgctggCTTt gggTTCCATT tGTTCTTCTG totCTTCTAG 650
tttCTTAAGG taaaggCTTA gatCATTGAC ttcaGATTT ttGTCTTTc 700
taacaAGTGT tcAAAActAT aatataAAATT tccCTCTAAg cattGTTAG 750

ccacatttca caaatttgg aatgtttatt cattttcac 789

<210> 15
<211> 294
<212> DNA
<213> Homo Sapien

<400> 15
ttttatataat tttatTTTT tttaataaca gatTTCCAG tgaggggctt 50
tttcaacccc attggttcta ttttcttgta ttttccatt taatttgctt 100
cataacttaa accaagtctc ttctagtctt aggtattatt tctcgatttt 150
gtgctgatgg gcatgtttat aagaactgga gaggtgattt attggaatga 200
actaactgac ttccctccatt cccctttcc ttttgacat gaattttact 250
acttcacaaa tgaagaatga tgTTATGAAG ttaccgtggc aaag 294

<210> 16
<211> 514
<212> DNA
<213> Homo Sapien

<400> 16
cccacgcGCC gctaacccaa tggTCTTTT tagaatttca ggTTGTGGCA 50
tccactgagt atgcagctac tatggTTTT gtatggacg tataaataact 100
tgattatata cgacagattt taatgtctt aaagacttcc tgctgtatta 150
acatattgta atggagtctt taaaatacta ggTTGAATTt aattgaagtc 200
acacacatct tgaagtggta actgcatagt aaataactacc aagagTTTT 250
ttcacgtggg agtacGCTAA aactctGCCA tgggtgtaaa tgTTTACAT 300
taatttcata attggacaga ccctgcattt agcgaaaaca ttttGTTTG 350
aaagtgtgtt ctTTTGTcg cactgttact gcgtAACACT tctcaacatt 400
ctgtaagtta aattattttta aaataactat ggtgaattca tgTTTATTt 450
tttttacttt gaaaattgta gtactcaggt ggtatttaat gggaaaggat 500
cctttgggta taaa 514

<210> 17
<211> 501
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 28, 57, 60, 97
<223> unknown base

<400> 17
aatgtccTTT tttaggaatt ccaggTTNTG gcatccacgg gggTTGCCGC 50
ctactanggn ttttgtaagg ggaccgtata aataactgga ttatATnCGA 100

cagattttta atgtctttaa agacttcctg ctgtatataac atattgtat 150
ggatctttta aataacttagt tgaatttaat tgaagtaca cacatcttga 200
agtggtaact gcatagtaaa tactaccaag agttttttc acgtgggagt 250
atcctaaaac tctgccatgg gtgtaaatgt tttacattaa tttcataatt 300
ggacagaccc tgcatttagc gaaaacattt tggttgaaa gtgtgttctt 350
tttgtcgcac tgtaactgcg taacacttct caacattctg taagttaat 400
tattttaaaa taactatggt gaattcatgt ttatttttt ttactttgaa 450
aattgttagta ctcaggtggt atttaatggg aaaggatact ttgggtataa 500

a 501

<210> 18
<211> 197
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 27, 42, 57
<223> unknown base

<400> 18
cttcataact taaaccaagt ctcttcnagt cttaggtatt anttctcgat 50
tttgtgntga tgggcattgtt tataagaact ggagaggtaa tttattggaa 100
tgaactaact gacttcctcc attccccctct tccttttga catgaatttt 150
actacttcac aaatgaagaa tgatgttatg aagttaccgt ggcaaag 197

<210> 19
<211> 526
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 60, 74, 97, 111, 165, 208, 221, 225, 227, 356, 371, 398
<223> unknown base

<400> 19
tggggccccc ccaaccccg cnggtatcca aggaaaaaat ttttattat 50
ggggtttccn ggaactattt gggncctatg gaaatagccc ttaaagngct 100
tacattcatg ngctacttta acatgaatgg agaaaatccg tttatggaag 150
tacagtgaca attgnccaa tcactctgtc catcaaacca ctcaggctag 200
tttgtacnag tagagtttg nttcnanttt tattttattt aattttattt 250
tttttttaat acagatttc agtgaggggc ttttcaacc ccattggtc 300
tattttcttg tattttcca ttaatttgc ttcataactt aaaccaagtc 350
tcttcnagtc ttaggtatta nttctcgatt ttgtgctgat gggcatgntt 400

ataagaactg gagaggtaat ttattggaaat gaactaactg acttcctcca 450
ttcccccctt ccttttgac atgaatttta ctacttcaca aatgaagaat 500
gatgttatga agttaccgtg gcaaag 526

<210> 20
<211> 379
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 40, 103, 125, 127, 204, 219, 378-379
<223> unknown base

<400> 20
cagctccgga agactatgca cccaaaggcacc aaacttccan ccagagagag 50
agacgtcctc cgataacaaa aatccttgct tcctctgtct gtgactttac 100
acncagttgt tcaaagttgt taaangncaa gagtcaatca catccctagg 150
actacacctcc aactctcctg actcttatgt tattgaaaaa acaaacaaac 200
aaanactcct ttatgatgnt attcaacttg agtggggttt tttttccac 250
tttggtcctg gatataatga aatgatacat attaggataa attttcactg 300
tgtata>tagtag caatacgaac acacatgcc aatgtatcaac atatctactt 350
ggttacattt tggtttatga taatcgann 379

<210> 21
<211> 408
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 102, 153, 167, 230, 251
<223> unknown base

<400> 21
tggaataact ggaaattttt tggatccagg ttccacattt gcagtttgg 50
aactactacc aaaaagattt caccaatttta caactccatc attagtaaga 100
angcctgttt gcctatagtc tgccaacctg aacccttaaa aatttttgcc 150
aanctggtag gcaaaantct ttctttctt tgaatattaa tgaggaggaa 200
catctttca tgtttcttgg ccatttgcattt ttccttattt gaattgcttc 250
nggcccattt tcctttttt aattatgaaa gtctaatgac taccttctca 300
ttgtataaaaa aacacagttc tttgaataga gagacccttt tctccaatgc 350
taccaatcac attccactta ccacagtttta acatacatcc tctagtcacc 400
tttccccga 408

<210> 22
<211> 453

<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 31, 87, 175, 263, 297-298
<223> unknown base

<400> 22
tagggtccta ttgggtgcct aagcatactt nttaacttgt gccattggcc 50
tttactttta tggagtttcc aggaaactat tttatancat ctagttattt 100
agtctacgta tctctattta gtggagcctt ttcccctcaa ataatatattt 150
ttatcatttt tggacttata taaancataa taaaataaaat tttttcttaa 200
tactgttgga ctttgtatata acaagttcag ataactttt cgaagatagt 250
ttcttatata aangtaattt aattttttt actcttctat acagtnntt 300
agatgtaaag gaattagcac aatctctggc agtttataa aagctgttga 350
agctcttgtc ctgcactgtc ttttaggtatc ataggtatca ggtttgcttt 400
gtgttaatgc cacttcaagt cattattgg tttctgtat ttttttacct 450
gag 453

<210> 23
<211> 356
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 42, 45, 201-202
<223> unknown base

<400> 23
atacatatat atgtgtgtgt gtgtgtgtgt gtgtatgtat anatntaatc 50
atttacactc ttttgggggt caagaatttgc aatgaagaaaa aacaaatcca 100
attaatttttgc gttccagtt acttctgata aaatcagtga aggttcttgg 150
attttgcatttgc ctcagttgtc cattgctttt ttttagatcct gccaggttac 200
nnttttttaa ataacatgtc caaattcatac tttttcagta tagactatttgc 250
taagtttttgc gaaattgtta tagtcataga accatgatca ctaacaagat 300
atattcccccc actccaaagt cctatgtgtt cctttgttag ttaacctgtc 350
acccac 356

<210> 24
<211> 498
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 30, 49, 102, 141, 147, 171, 324-325, 339-341

<223> unknown base

<400> 24
acccttgacc caacgcggcc ccccgaccgn ttcatggcca aacgcgggnc 50
tccagctgtt gggcttcatt ctccccttcc tggatggac cggcgcccat 100
cntcagcaact gccctgcccc agtggaggat ttactcctat nccggcnaca 150
acatcggtac cgcccaggcc ntgtacgagg ggctgtggat gtcctgcgtg 200
tcgcagagca ccgggcagat ccagtgcaaa gtcttgact cccttgctga 250
atctgagcag cacattgcaa gcaaccgtg cttgatggt gttggcatc 300
ctcctggag tgatagcaat cttnntggcc accgttgnn ntgaagtgtta 350
tgaagtgcatt ggaagacgat gaggtgcaga agatgaggat ggctgtcatt 400
ggggggcgcga tatttcttct tgcaggtctg gctatttttag ttgccacagc 450
atggtatggc aatagaatcg ttcaagaatt ctatgaccct atgaccga 498

<210> 25
<211> 466
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 304
<223> unknown base

<400> 25
ttttcttttt tctctttttt aaattacctt tgtttgcggt taaggagttg 50
ggaaatttgt ggtggcaggg aagtaatgtt agttgctta taactcactg 100
tctaacaagttttgaaaat ttgtctgata tgtaatttgg tacttttaggg 150
ttatttagttt ttcataaaaaa ttctggtag ggctcttgcc ctgctccaa 200
tgaaaggcattt tccacagggc aaatataaaa gagagagtag aggaaatccc 250
cctgagggtttt aaataagtca aaccagtaag taatagtgtt aagtttgc 300
gtgncccttc tttcttactg tacttaacat ctaaaggca cctcattttat 350
tttcagctaa ttatgttctt tatgagtgtac tgtcaaatca gggaaagggtg 400
tgacgatcat gtggagatac ctttctaat taatagctgc cttgctccctc 450
aagattctga cgaacc 466

<210> 26
<211> 409
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 30, 36, 68, 77, 119, 235, 248, 250-252
<223> unknown base

<400> 26
cttcttgaca ctgcccttc cttccccn tcccanctg cccgaccat 50
gcccgcggc gtgccangt cccacntac ttgaaaaatg ttgccagcc 100
agtctccttg gcccatgtnc gcagggcag aagtggtgcc acaggtacta 150
ccgaccggac ctgacaatac ctgaaattcc caccaaagcg tggagaactc 200
aaaacggagc ttttggact gaaagaaaga aaacncaaac ctcaagtntn 250
nncaacagga ggaacttaaa taactacgtc caagaattct gtgaataata 300
taagtcttaa atatgtattt cttaatttat tgcatcaaac tacttgtcct 350
taagcactta gtctaattgct aactgcaaga ggaggtgctc agtggatgtt 400
tagccgcga 409

<210> 27
<211> 390
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 37, 42, 62, 79, 81, 129, 132-133, 176, 179, 229-230, 248, 375
<223> unknown base

<400> 27
cgtgaaacac cccttattt cttcataac tactcantat gnctatttcc 50
ttcaccagat gnaagctcct gagctcagnc nctgactgtc ttttcaaca 100
ctgactagta cataacaggc acccaatant tnnttaattg tggtaaaata 150
tacataacaa agttaccatt ttaagnatnt aattcagcag cgttacatac 200
attcaaattg ttgtgcaacc atcaccacnn tccatctccg gaactttnta 250
tcttcccaag ctaaggctct tggccattta aacaataact tctaattgca 300
cccttcctg tccaccctgg tgaccatcat tctgcactct atgaatttgg 350
ctactttatg tcccccaaat aagtngaatc ataccgaccc 390

<210> 28
<211> 402
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 43, 105, 115, 245-246
<223> unknown base

<400> 28
tggcatgtgg gcccattca gtttcctac atgttcccaa aanttattta 50
aattactgtg tccaaaatta tgaggacagt gtcattcatt caccatagtt 100
tatantctta gttanatatc aaacttcctt ggcacctagg ataagaacat 150
ttctttgaa gttatccaat tttttttat ttttacttga cttgaaggaa 200

agttggaaaa tatgggtggaa aaaatcttcc gcattaaaag ggtcnntaaa 250
acacaaccat ttacgatctc agtcagcaga tttactctac tcaaggaaaa 300
aaagaaaacaa tcttatttgg agcagatgtt gacactgtgt cagttattga 350
agacggaagg agttcacttg agccattgca gttacaaagg ggtattgatc 400
ga 402

<210> 29
<211> 300
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 39, 47, 112, 134, 142, 144, 149, 177, 183, 234, 251, 257, 287,
297
<223> unknown base

<400> 29
tctgccctg aaatatacaa gggtcatgcc caaattaana caggttnacc 50
ttttagagg taaatatgtt ggcattattt attgacattt atgcttcaag 100
catgtcttat tntatgtaat tttaagaaat actntattta antngtgana 150
tatacctaaa agcatactag ttagctntta gantctcaact tagggagggt 200
aaagaaaacat cactgatgcc aatatgaaga tttntaaaca aatccttgt 250
ntagaanttt tttctttcg tgcacctcac aacacantta ccatcgnacc 300

<210> 30
<211> 540
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 30, 85, 106, 114, 146, 153, 169, 178, 227, 231, 235, 253, 256,
268, 343, 373, 443, 486, 531
<223> unknown base

<400> 30
ggccggttct tttaagatct ttgacctgan ccaaagttc gggaaagggg 50
gggttgccta ggtggagtgc atgggggatt ttggnttaat gcaagttccc 100
cttccngtgt taangccatt ttcctgttcc agtttttg agtagntgga 150
aanacaggcg cccgccaana cacctggnta atttttgtt tttcagtag 200
agacggggtt tcaccgtgg ttcataatntcc ngacnttggt atccgccccgc 250
ctnggnttgc caaagtntg ggattataag cgtgagccac cgccgccccgc 300
cgagatgttt tgatacaggc atgcaatgtt aaataatcag atnatagaca 350
atgaggtatc catcccctcg aanttttatac ctttgtgtta ctaacaatcc 400
cgtgaacact ttttagtta ttttaaaatg tataattgt tantactgac 450

tatagtcaac cctgttatgc tgtcaaataa tagatnttat tcattttac 500
tgaaaaaaa gtactcatta actgttctca ncggccgaacc 540

<210> 31
<211> 168
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 56, 61, 112, 156, 165
<223> unknown base

<400> 31
gtttttttt tttgaagcga acttttgcta tattgctaag gctagtttg 50
aactcntggg ntcaagcaat actgccttga ctcctaaag tgcttggatt 100
acaggcatga gntactgcgc ctggcctgca atatgtattt taagctactt 150
tttttnttat tccgnacc 168

<210> 32
<211> 534
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 98, 118, 504, 513
<223> unknown base

<400> 32
tgtcgacgag aatgcccgca gggcggagaa ctgggctccc accgaggagg 50
ctggaggcag gttcgctgtg gttccccctc ccgacctggc agagctgncc 100
ggagctctct gaggtccntc gagagtaccg gaaggagcac cagactacgt 150
gttccctgct cttctgcggc gcctacctct acaaacaggg ctttgcacatc 200
cccggtctcca gtttcctgaa gtttagctg gtgccttgc ttgggccccat 250
ggctggggct tctgctgtgc tgtgtgttga ctcgggtgg tgccacatgc 300
tgctacctgc tctccagttt tttggcaaa cagttggtgg tgtcctactt 350
tcctgataaa gtggccctgc tgcagagaaa ggtggaggag aacagaaaca 400
gcttggggct tttcttattt ttttgagac tttcccat gacaccaaacc 450
tggttcttga acctctcggc cccattctg aacattccca tcgtgcagtt 500
cttnttctca gtncttatacg gtttgcattcc cgga 534

<210> 33
<211> 361
<212> DNA
<213> Homo Sapien

<400> 33
aaaaaaaaaaa aaaactgcct ttcttccct cagtcaactt ttgtgatcca 50

gaaaatttc tattctgtaa gtctgagcgt aaaacttcag tattaaaata 100
atttgtacat gtagagagaa aaatgacttt ttcaaaaata tacaggggca 150
gtgtccaaat tgatgtatta tatattgtgg tttctgtttc ttgaaagaat 200
tttttcgtt attttacat ctaacaaagt aaaaaaatta aaaagagggt 250
aagaaacgt tccgggtggga tgatttaac atgcaaaatg tccctgggg 300
tttcttctt gcttgcttc ttcctccta ccctaccccc cactcacaca 350
cacacacaca c 361

<210> 34
<211> 513
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 81, 107, 357
<223> unknown base

<400> 34
acccggcatt agggaggcgaa ggtgngcaat gtcttaaccc cgggctcaac 50
cagtcctccg gcttctgctt cccaagggtgt ngggattgcc aggctggagc 100
ccattgngcc cagtctattg tatagttta aaaaaacaaa accaaaaggc 150
taataaatgg caccccttg caagctctc cccctccctt tcttttcct 200
tcccagtgtc tcctacttct ctgacacctgt tgacagcatt atactttgg 250
atgttggtag catgtataaa gtacattatt acataacaag ttaatataac 300
ataatagttt caagggtttt gccacttaat tatactaagt tacttaacct 350
ctcaatncct tatctgtaga ttttgtttt gatagggtgg gatagtaata 400
gtaactacaa ggtttcacaa ggttgtgaaa ttgaatgaga aatacatggc 450
actttaacaa gtcactatgg attatttaat ttctttctt cttcttctgc 500
tgctgcttct ccc 513

<210> 35
<211> 445
<212> DNA
<213> Homo Sapien

<400> 35
actatggtaa atagttatac tgtattggtt taggaaataa tggccatttt 50
taaaagtctg tacatgttca gtacagacac agtcttttg aagtattttt 100
tatccctcct ttgttgaatc ccatggatgc agaaccatgg atatgaaggg 150
ctgactatat tctcacagtt atattcaagt tgtatTTGA atgattttat 200
gacaatctt taccaaaggc ccaactgtat tctcatgttt attattcaag 250

ttgtatgaca atttcatatc agccccccag agagttggca tttggattga 300
aatcatactg agtctctaga ttaatttagg gagaagtgcac atctttataa 350
ttttgaatct tccttatccat gtatatgcga gtgtttgtt tttcagtggc 400
atttcaaata tttcttcagg taggtctctt agtgtttatt cccga 445

<210> 36
<211> 526
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 50, 60, 123, 127, 370, 395, 397-398, 402-403, 405-407
<223> unknown base

<400> 36
attctccct cctggatgga tcgcncacc gtcacattgc cttccccc 50
tggaggatn actcctatgc tggcgacaac atcgtgaccc cccaggccat 100
ttaccgaggg gctttggatg tcntgcntgt cgcaagcac cgggcagatc 150
ccagtgcaaa gtcttgact ccttgctgaa tctgagcagc acattgcaag 200
caaccgtgc cttgatgggg ttggcatcct cctggagtg atagcaacct 250
ttgtggccac cggtggcatg aagtgtatga agtgcattgga agacgatgag 300
gtgccagaag atgaggatgg ctgtcattgg gggcgcgata tttcttgg 350
caggtctggc tatttagtn gccacagcat ggtatggcaa tagantnntt 400
cnngnnntct atgaccctat gacccagtc aatgccaggt acgaatttgg 450
tcaggatctc ttcactggct gggctgctgc ttctctctgc cttctggag 500
gtgccatctt ttgctgttcc tgtccc 526

<210> 37
<211> 375
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 220
<223> unknown base

<400> 37
ttttttttct tgtttaagct gactcttgc tctaattttg gaaaaaaaaga 50
aatgtgaagg gtcaactccc acgtatgtgg ttatctgtga aagttgcaca 100
gcgtggcttt tcctaaactg gtgttttcc cccgcatttg gtggatttt 150
tattattatt caaaaacata actgagttt ttaaaagagg agaaaattta 200
tatctgggtt aagtgtttan catatatatg ggtactttgt aatatctaaa 250
aacttagaaa cggaaatgga atcctgctca caaaatcaact ttaagatctt 300

ttcgaagctg ttaattttc ttagtgttgt ggacactgca gacttgc 350
gtgctcccac ggcctgtacg gacac 375

<210> 38
<211> 493
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 28, 64, 159
<223> unknown base

<400> 38
cccaacttgg aggtggagac tatggagntg atcggatggg cccggggcag 50
actttccact tggngctgtt ctctgtatag tgaataaggc tcaccagatc 100
aggtttaaaa gtgtgttagcc tccccattct ctctcttcct catccagcca 150
tgtaagacnt gcctgcttcc ccctcacctt ctgccagggt tgtaagttt 200
ctgaggcctc ccagccatgc ttcccgtac agcctgtaga accatgagcc 250
aattaaacct attttcttta taaattatcc agtctcaggc atttcttat 300
agcagtgtga gagtggacta atagagctag ttatttagtag agccaagatt 350
taaattcgag cttgctggct cccgagttct actttctcaa accctatgtt 400
aagctattgt ccacagcatt caacattgtt gaattatctt tgtcaactaa 450
ccttggaaat cttaaatttt gtcctaattcc tgtccccat tcc 493

<210> 39
<211> 123
<212> DNA
<213> Homo Sapien

<400> 39
tttttttttt ttttttcttt tgtactgagc tcagcataga ctaatactac 50
cttaatgtta aaatctgaat ttcttttagc attttgctta aaagcaatat 100
gctatttgct tattccgtgc gaa 123

<210> 40
<211> 119
<212> DNA
<213> Homo Sapien

<400> 40
tttttttttt ttttttcttt tgtactgagc tcagcataga ctaatactac 50
cttaatgtta aaatctgaat ttcttttagc attttgctta aaagcaatat 100
gctatttgct tattccgtg 119

<210> 41
<211> 398
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 61, 91, 144, 238-239, 262, 265-266, 271, 274
<223> unknown base

<400> 41
agagcacccgg cagatcccag tncaaagtct ttgacccttg ctgaatctga 50
gcagcacatt ncaagcaacc cttgccttg aagggtggttg ncaccccccc 100
tgggagtgaa tagcaatctt tgtggccacc gttggcatga agtntatgaa 150
gtgcttggaa gacgatgagg tgcagaagat gaggatggct gtcattgggg 200
gcgcgatatt tcttcttgca ggtctggcta ttttagtnnc cacagcatgg 250
tatggcaata gnatnnttcg nggnntctat gaccctatga ccccagtcaa 300
tgccaggtac gaatttggtc aggctcttt cactggctgg gctgctgctt 350
ctctctgcct tctggaggt gccctacttt gctgttcctg tccccgaa 398

<210> 42
<211> 437
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 87, 97
<223> unknown base

<400> 42
aggtagtcct taaaaaaaaag tctcctctct gtacccttct tcacccaatc 50
tacaactagg tttttggta ggaattttat tattagn tac caaacanggt 100
aacatctta catgccagat tccaaagata ccctagaaga gccagagggt 150
tgcacttcct ctctctcact ttgcattccc tcctaagaaa tactgcccc 200
taactcaaag ggcagaagga gtccagggt ctttcagcat taaaattctc 250
tatagtttc tgggagaggc acatgttctg agtgtgagga gaactgttct 300
ggttattgtt tataaattgt tttcatttc tatttcttat aacagattat 350
aaatttatgt tttctgatgc ttcatactat tatgaggatt tggttggcaa 400
attatcttac aataaccacc catatattca tgcatgg 437

<210> 43
<211> 499
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 24, 81, 93, 150, 340
<223> unknown base

<400> 43
ccaccaagag cctgaaggca gtcnctgtgt tcccccttccg acctggcaga 50

gctgcgggag ctctctgagg tccttcgaga ntaccggaag gancaccagg 100
cctacgtgtt cctgctcttc tgccggcgct acctctacaa acagggcttn 150
gccatccccg gctccagctt cctgaatgtt ttagctggtg cttgtttggg 200
ccatggctgg ggcttctgct gtgctgtgtg ttgacctcggtgg 250
atgctgctac ctgctctcca gtattttgg caaacagttg gtgggtgtcct 300
actttctga taaaagtggcc ctgctgcaga gaaagggtggg ggagaacaga 350
aacagottgt ttttttctt attgttttg agactttcc ccatgacacc 400
aaactggttc ttgaacctct cggcccaat tctgaacatt cccatcggtc 450
agttcttctt ctcagttctt atcggtttga tcccatataa tttcatcga 499

<210> 44
<211> 494
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 37
<223> unknown base

<400> 44
gggtttcca ggactcccccc cnaccccccgg ccactcnact ggtggaaatg 50
cctctgccccca atagacttgc tgtcctaacc ctcgttttagg acttctcatt 100
tactgcagat attggtagac ataggttagtg ggccggctgcc tgagagagac 150
catttggtagt ttctttctt atctcaaagc tgcttcagtc tttgtgcaca 200
ggggatgctc agaagcgtgc cttcttttag ggagactggc catgcgcctg 250
agtttagatga taacatggag gttcatcaca cgctgtctac ttgagtgtgt 300
ttttggaaatt ctccataata aaaagttaaa aaatacaatt gataggtaag 350
agtaattgaa gtagttcaa attggtagc tataaaatgc aactatgaag 400
aggattgttag gtaattaaaa tactaagatt gtattgagga gaaatatatt 450
attcagaaca atacctgtga catggcatta gtgacaaata tgac 494

<210> 45
<211> 561
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 28, 35, 73, 88, 153, 198, 292
<223> unknown base

<400> 45
ttcagagcca gaagggcctc gagctgcnag ccccntggaa tgaagcaggc 50
ctgggctgag gctggaaggg aanccctct aagctgncc gggggcggga 100

aaacttacca ccagggact cgagatgggg aaggaaaggt cagaaagagg 150
agnaggccca ggcacggggt gtggcggcc tgcagagctg gagccagntg 200
ctccgcccag agccaggcat gcacactcag agtaggtggc ctgtgccacc 250
gggaaagagg ggcgggtcgg cgtgctgctg aagatgccag gnagctgccg 300
gcctgctctg tgcgtgctga aaggtgttgt gagaagact tacaaaaaga 350
aatggactgt gtaggattt cacattttac tttgtttctc ccaaatacgt 400
tctcttgaa ttttttcct tccagggcca ggactggagt gatggttgag 450
acaggcacgc actgggtctt gtctgcattt acattttgag attttgttca 500
gcatggattt tatggcgttt tttgtttgt ttgtttgttc gtttcaaaa 550

tactgcacccg a 561

<210> 46
<211> 511
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 9, 25, 43-72, 178, 180, 355-356
<223> unknown base

<400> 46
ccagattnng tttctttctt ttttnaaaaa aagaaaaaaaa aannnnnnnn 50
nnnnnnnnnn nnnnnnnnnn nnatccttgg gtgtgggctg atcaccttga 100
cctcagggtct ttgtgctatt gccctctctg cttttggca ctttgacctc 150
aggtctttgt gctattgccc tctctgcnnn cgggcacctt gacctcaggt 200
ctttgtctg ttgccctctc tgctttggc accttgacct caggtctttg 250
tgctgttgcc ctctctgctt tgggcacctt gacctcaggt ctttgccta 300
ttgcccttcc tgctttggc accttgacct caggtctttg tgccgttgcc 350
ctctnngctt tgggcacctt gacctcaggt ctttgcctg ttgccctctg 400
tgctttggc actcttcctc agacctgtgc atcacattcc ctctcttcag 450
ctctctgctc aaatgtcacc tccttcctga catcttcctt gaccatccta 500
gccaaaatac c 511

<210> 47
<211> 470
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 113, 450
<223> unknown base

<400> 47

cgccctagcc ctctgtgatt tcataatgct ggaagtatgc tttttaaaaa 50
agtttaaatt cttgcccaat tttactgttag cgggaaataaa tacatgctag 100
tattctgaga gtnttatgaa actagacata aaacaagtta aaattaatgg 150
ggaaatggct agatgtccat gactgtcaga gtcagtacat tgtcagtatc 200
ctccagaaat gtcactgata ttaagcaagc tgagttattt ccggcggtga 250
atccatgaag aatgataaaat gtttctcat catacttatt cttagaatgt 300
tgtgatactt ttgatatttc agttactcgt cttaaaaagg ggagtgcct 350
tccctgggcc ttgcctaaga gaagaaagaa agactatatt aagacagaaa 400
acatggacat tttaaagaga cgaatacact gctatgtcaa ataccagtt 450
tactcagtaa actccctcga 470

<210> 48
<211> 543
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 46, 65-66, 80, 144
<223> unknown base

<400> 48
gcaggcccaa agaagaagct caggctgaaa tgaaccgtac cgctnccga 50
gggagaaaga attcnnggcc aaggaagctn cggcattggg atcccttggc 100
agttgcagcc actgaagtgg agaaggagac ccaggagaag atgnccctc 150
ccagacatac ttccggcaga acggatgaa gtctggacaa cctcttggt 200
tttgtctgtg acattcggcc agaatccctg aaaactaccg cataaaatgga 250
tagaagagag aagcacctgt gctgtggagt ggcattttag atgcctcac 300
gaatatgagc ttagcacagc tctagttaca tcttatgata tggcattaaa 350
ttatttccat atattatata ataggtcctt ccacttttg gagagtagca 400
aatctagctt tttgtacag acttagaaat tatctaaaga tttcatctt 450
ttacctcata tttcttagga atttaatggt tatatgttgt cttttttcc 500
tatgtctttt ggctcaagca acatgtatata cagtgttgac cga 543

<210> 49
<211> 485
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 14, 484
<223> unknown base

<400> 49

cggacgcttg ggccgcgccca gcggccagcg ctagtcggc tggtaagtgc 50
ctgatgccga gttccgtctc tcgggtctt tcctggtccc aggcaaagcg 100
gagcggagat cctcaaacgg cctagtgcct cgcgattccg gagaaaatca 150
gcggtcta at taattcctct ggttggta agcagttacc aagaatctc 200
aacccttcc cacaaaagct aattgagttac acgttcctgt tgagtacacg 250
ttcctgtga tttacaaaag gtgcaggtat gagcaggtct gaagactaac 300
attttgtaa gttgtaaaac agaaaacctg ttagaaatgt ggtggttca 350
gcaaggcctc agttccctc cttcagccct tgtaatttg acatctgctg 400
ctttcatatt ttcatacatt actgcagtaa cactccacca tatagacccg 450
gctttacctt atatcagtga cactggtaca gtanc 485

<210> 50
<211> 525
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 255, 319-334
<223> unknown base

<400> 50
catgggttg cgcaactgta gtcccaggta cttgagaggc tgaggtggga 50
ggatcatctt aaccccgggg agatggaggc taaaatgagc tgtgttcaca 100
ccactgtacc ccagcctggg caacagaata agacgctgtt tcaaacaaaa 150
atgtgttaact caaaaacagc aaaatgctta gttctttgtta aatgcaacat 200
tttaggctac tggttatgg ccaatagaac tttttttct ctctctctcc 250
ttatntgtaa acttagctat atatgttct cactcttggg tctgtgtact 300
tcaaaatctt ttagaaatnn nnnnnnnnnn nnnnaaaaaa aaaaatggaa 350
taataaaaaa ttatactaag attcattcat gttttttt gtggctgcag 400
tgcattcatt tccactatat agtatttcat tgtctgatgt accagaattt 450
atccactctc ttttgatgc atgtttggat ttgcagtttctt ttgtttatg 500
aaaagtgcgtg ctgtaaaaat tatta 525

<210> 51
<211> 150
<212> DNA
<213> Homo Sapien

<400> 51
ttttttttt ttttttttgtt ttgttgtgt tgtagtagtc tgggtggc 50
cacatttaag tctaaaaat tttaaattt tggtgttgat gttttagac 100
agccctgttg ttgaaatcat ggctttattt attttattta ttttcgaacc 150

<210> 52
<211> 179
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 31, 43, 133, 162
<223> unknown base

<400> 52
tttaatagtt attcgcttc tgggtatag ncatttaagt tgnttatatg 50
tttctgttat taacccttg tcccacgtat gatttgcaaa tattttctcc 100
catttttttt cagttgtctc attttgttga ttntatcaga ttccatgaag 150
cagctttta anttcaagaa aaacgaatc 179

<210> 53
<211> 324
<212> DNA
<213> Homo Sapien

<400> 53
cggaagtccc ttgaggagcg tcagaagcgg ctccctacg tcccagagcc 50
ctattacccg gaatctggat gggaccgctc cgggagctgt ttggcaaaga 100
tgaacacgcag agaatttcaa aggaccttgc taatatctgt aagacggcag 150
ctacagcagg catcatggc tgggtgtatg gggaaatacc agcttttatt 200
catgctaaac aacaatacat tgagcagagc caggcagaaa tttatcataa 250
ccggttttagt gctgtgcaat ctgcacatcg tgctgccaca cgaggcttca 300
ttcgttcatg gctggcgccg aacc 324

<210> 54
<211> 391
<212> DNA
<213> Homo Sapien

<400> 54
cccactcaga tctactgaaa ctgaaaacct gggagcaggg cccagcaatc 50
aagagttttt aacaaacctt cctggtcatt ttgatgcaca cgcaagttt 100
agaacctgtg ccctttagga ggatttcatt ttcctcacta aaagccccct 150
gaaagatgcc tccagggat gcctctgtgc cctactgccc actgctgctt 200
tcctgtttcc taggaatccc ctatgttgc taccatcct ccagaaagat 250
ttcttaccta ctttgaaagg atcttggctt ctccacaagg ttactccatc 300
ctctgagcag ttatccatc ttctactttt gaatggtttcc ttttcagatc 350
ttcctcagtgc ttctctttt ctggctaccc ctcaagccccg a 391

<210> 55
<211> 280

<212> DNA
<213> Homo Sapien

<400> 55
atatatatat aaatatagaa atatatatat agaaatatat atatatctct 50
ctccatatcc aaaagcaaga ttacaaattt cagttgaggg taatagcact 100
taaagttagga acagagattc tttatgtgtt agcataattc ttttttatta 150
caattctgtt actaaagaat caggtgtcat taaaggtgaa catggttacc 200
ttcacccctct gcacagcagt ttttcatata cttgaagaca taaaatcccc 250
ttccccatcc aacttaatct tttccagcga 280

<210> 56
<211> 485
<212> DNA
<213> Homo Sapien

<400> 56
cgacgcgtg ggccggacgcg tgggtggct tagagtagtt ttttgagcat 50
ttatttgtct tggtgttctc tgaacttcct tagatctgtg gtttgggtgc 100
tgacatataat ttggataaaat tttcagtcattt ttttgggttta aatatttctt 150
ctcttccttt ctcttcctct tggtaacttcc atgtgtttat attacacatt 200
ttgtacctgt cccagagttc ttgggttta ttttctgttt ttttttgggc 250
ctttttttt tcccttttgtt tttcagttt tattgataca tccttaagct 300
cagagattat tcttttttc agcgggtgtcc actctcctaa tgagcccatc 350
agtggcattc ttcatttctg tcaccatgtt ttgctctctg gcacttcttt 400
tcattttttt cttagaattc ctatctccct gctcatgtt cccacctgtt 450
cctgcaagct gcctactttc tccatttagag tcctt 485

<210> 57
<211> 260
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 24, 42, 53, 93
<223> unknown base

<400> 57
tgggtgtttt cccaccacag cccngagagt cagtcatttt tncaaagaag 50
ccntgggtgg ctttgtggag aatgatataat gttatttta ttntccgcag 100
ccaacatgac cgctcctctg gtgtcttcc caccacagcc cgagagtcag 150
tcatttttca aagaaggctg gttggctttg tggagaatga tatatgttat 200
tattatTTT tgggtgtttt ttttagacagt ctcgctttt 250
gcccagccga 260

<210> 58
<211> 344
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 17, 66, 76, 92, 148, 174, 178
<223> unknown base

<400> 58
ggagtaaaaa gactgtaaaa cattttttt taaaaaaatta ttttacatt 50
acgacaatat atttanggat gtgttnagat caaaaattaa anttctgtgt 100
cccagatcta ct当地caaaagt gagatttca cttgtcagct taaattntg 150
actagaacta acatttgtgt attnttgcnc ttagtcggaa tacaaatttc 200
acagtggatt tttgaagttt gtccttaaat tggataaaat caagtgatta 250
aagttactaa agagataaaa atggtaattt ccattttaa aagtaatttg 300
gttgtgttta tagttatttg tacaagtatt tatacacagcg aacc 344

<210> 59
<211> 495
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 39, 58, 130, 234, 314, 364, 427, 450, 461, 476
<223> unknown base

<400> 59
agcaatgccccc tgccccccagg ggaggattaa ttccatgtnt gggacaaca 50
tttgtacngc ccaggccatg tacggggggc tgtggatgtc ctgcgtgtcg 100
cagagcacccg ggcagatcca gtgcaaagtn tttgactcct tgctgaattt 150
gagcagcaca ttgcaagcaa cccgtgcctt gatggtggtt ggcattttcc 200
tgggagtgat agcaatcttt gtggccacccg tggnaatgaa gtgtatgaag 250
tgcttggaaag acgatgaggt gcagaagatg aggatggctg tcattgggg 300
cgcgataattt ct当地ttgcag gtctggctat ttttagttgcc acagcatggt 350
atggcaatag aatngttcaa gaattttatg accctatgac cccagtcaat 400
gccaggtacg aatttggtca ggcttnttc actggctggg ctgctgctn 450
tttctgcctt ntgggaggtg ccctantttg ctgttccatgc gaacc 495

<210> 60
<211> 266
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 37, 56, 116, 190, 210
<223> unknown base

<400> 60
aacattgtcag aggcaagtgt ccagagttt gctatanatt cattatggaa 50
ggtttnacct tattgaaatg acagttcccc accttttagca ttttatattg 100
ttccatttaac tgtcanacaa acattcctgc aaaatatcg ttcaggaacc 150
aaacttactt tccctgagat ggttaaccgtt tcacagcctn tcataattgct 200
gcttcattan gtgatgaagt ctaaacacgt aaatggtgac cagttaaaac 250
acacacactgc cgaacc 266

<210> 61
<211> 421
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 3, 5, 22, 142, 147, 186, 198-200, 205, 260, 296, 306, 314
<223> unknown base

<400> 61
ccnangggc cggttttt gnatttttag tagagacggg gtttcaccat 50
gcaagcccag ctggccacgt aggtttaaa gcaaggggcg tgaagaaggc 100
acagtgaggt atgtggctgt tcttgtggta gttcattcgg cntaaanaga 150
cctggcatta aatttcaaga aggatttggc atattnttt cttgaccnnn 200
ctctntaaag ggtaaaatat caatgtttag aatgacaaag atgaattatt 250
acaataaaatn tgatgtacac agagtgaaac atacacacat acaccntaat 300
caaaangttg gggnaaaatg tatttggttt tgttccttcc atcctgtctg 350
tgttatgtgg gtggagatgg ttttcattct ttcattactg ttttgtttta 400
tcctttgtat ctgaacgaac c 421

<210> 62
<211> 390
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 35, 37, 79, 91, 98, 155, 162, 170
<223> unknown base

<400> 62
agagacgggg tttcaccatg caagcccagc tggcnangta ggttttaaag 50
caaggggcgt gaagaaggca cagtgaggna tgtggctgtt ntcgtggnag 100
ttcattcggc ctaaatagac ctggcattaa atttcaagaa ggatttggca 150
ttttntcttc tngacccttn tctttaaagg gtaaaaatatt aatgtttaga 200

atgacaaaaga tgaattatta caataaattt gatgtacaca gactgaaaca 250
tacacacata caccctaatac aaaacgttgg ggaaaaatgt atttggtttt 300
gttccttca tcctgtctgt gttatgtggg tggagatggt tttcatttt 350
tcattactgt tttgttttat cctttgtatc tgaacgaacc 390

<210> 63
<211> 448
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 61, 77, 80, 93, 147, 175-176, 234
<223> unknown base

<400> 63
tcttagaga tcttgactt gaccnaaggg tccgcaaagg gttcggttt 50
tttgtatTTT nagtagagag gggTTTnacn atgcaagcca agntggcaaa 100
gtaggTTta aagcaagggg cgtgaagaag gaaacagtga ggaatgnggc 150
tgTTTcgtg gtagttcatt cggcnnaaat agacctggca ttAAATTCA 200
agaaggattt ggcattttt tttcttgacc cttnTcttta aagggtaaaa 250
tattaatgtt tagaatgaca aagatgaatt attacaataa atttgatgta 300
cacagactga aacatacaca catacaccct aatcaaaacg ttggggaaaa 350
atgtatTTgg tttgttcct ttcATCCTGT ctgtgttatg tgggtggaga 400
tggTTTcat tcttcatta ctgtttgtt ttatcTTTg tatctgaa 448

<210> 64
<211> 245
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 73, 114, 120, 122, 184, 205
<223> unknown base

<400> 64
gtgtgtgtgt gtgtgtgtgt gtgtatgtgt atatatata acatatatat 50
acacatatgt atgtataacct aantcctaaa gtggAACAGT aagAGTCATT 100
atttatAGAT tatNTGATn TNTATGTGGA aAGAGAAAAG aATCATATTa 150
agtactTTgg actgaacaat gACCCCCAAA ATNGTATGA TGATGAAGCT 200
ctctntaaat attttcttgc tttactggac tgattttAAC ccgct 245

<210> 65
<211> 381
<212> DNA
<213> Homo Sapien

<220>

<221> unsure
<222> 21, 59, 65, 80, 116, 155, 180, 188, 202, 223, 236, 246, 341, 361
<223> unknown base

<400> 65
aggatccag gttggtagag naatccggc cggttccca gagatgtta 50
accagcacnt gcttntgaga cttcgtttn tggccagca accctgggt 100
gggggtcaga cttganacac tttcagggttg ggagtggacc caccccagg 150
cctgntgagg acagagcagc caggccgtcn tggctaantt tgcatgtggc 200
antgggttgg ggaggaagag agntgatgag tgtggnttcc ctgagntgg 250
gttccctgc ttgtccagtt gtgagctgtc ctcgggttta ccgaggctgt 300
gcctagagag tggagatttt tcatgaaagg tgtgctcgct ntctgcgttc 350
tatcttctct ntcctccttg ttcctgaaaa c 381

<210> 66
<211> 321
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 28, 36, 144, 146, 161, 170, 205, 210, 213
<223> unknown base

<400> 66
actaaaaaat attgtttagt tctaaacnga ttttngtat atatcataca 50
tagaaaatat taaatttttg ttctaaaaca accaaaaatg gagcatacat 100
tttagagtggc atttgttgca tattattaaa caaatgaaac tganttttt 150
ttcatcctga ngcagattan atccccattt aatcttttc ctctctcctt 200
ttctnaaccn acntcagagt atcctgtAAC agtgcctt atagtttca 250
aggaaaagtga taataatgag attacttctt ctttcatcgt ttatTTTT 300
gggaggatgg ggaaaccaca c 321

<210> 67
<211> 123
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 53, 75, 100, 110
<223> unknown base

<400> 67
tcccctgaat attcaggagg gagaagcaat cgccccagga cagagacgg 50
ganatcccag gagcaggta caggnnttag caatatccat cttgcgttan 100
tccctccctn acaacaacca gac 123

<210> 68

<211> 521
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 30, 66, 73, 97, 116, 134, 182, 187, 262, 364, 432, 477, 507
<223> unknown base

<400> 68
aatgaccta taaataagtt ggtttggan attattat tttagcatt 50
attttaaaa tagatnatgg ttnatattt attggaattc cataatntaa 100
tgtactgata ggttaantgt gtggaaattg ttngcagac ataaattact 150
aaataaaatgt tctgtttca gatagtttag tnttgngac attaagtatt 200
gggacagatt gtttgactc caatataat tctgaaattt ttctccttc 250
attacctacc tntccattat gcctcagttg taacggtgag taaaactatt 300
tttgtgtctc atacttctt tatcttaaa ctttgtttt cacagtaatt 350
atttcaacc attnttgct aactgcacct cgctgcatgg ttccttcctg 400
tgtcccacca accagccgcc acatttacc anatgttccc agtgttcatg 450
ggccctttcc acccttgtct caaaatntcc ctattgattt tattttgctt 500
ttgttanc cttcaaacgc c 521

<210> 69
<211> 382
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 30, 155, 170
<223> unknown base

<400> 69
agagacgggg tttcaccatg caagcccagn tggccaagta ggttttaaag 50
caaggggcgt gaagaaggca cagtgggtt tggctgttt ctcgtggtag 100
ttcattcggc ctaaatagac ctggcattaa atttcaagaa ggatttggca 150
tttnttttc ttgacccttn tcttaaagg gtaaaatattt aatgtttaga 200
atgacaaaaga tgaattatta caataaattt gatgtacaca gactgaaaca 250
cacacacata caccctaattc aaaacgttgg ggaaaaatgt atttgggttt 300
gttcctttca tcctgtctgt gttatgtggg tggagatgg tttcattttt 350
tcattactgt tttgttttat ccttgatc tg 382

<210> 70
<211> 405
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 33, 43, 58, 98, 110, 122, 125, 191, 226, 232, 234, 251, 321
<223> unknown base

<400> 70
acaccaatgc agtgaggctcg gggattcccc aantggatcc atngcaccag 50
gttcaagnta acccccaagg cagtttttc ttccaaaaca ttaacagnta 100
agtgttgtn tgggccaatt tntcntacca agttaaatt aaccaacatt 150
tttttttaa aaccaaaaca caaggaagac taaccacgtg nttccaggaa 200
tggcctgtat ttacccaacc actttntata cntntttcc aaccaaaagt 250
nttaatatgg gaatatccc caccacgatc ctaatactgt cagtagctgt 300
cctgctgtcc acagcagccc ntccgagctg ccgtgagtgt tatcagttt 350
tgcaactacag aggggagatg caacaatact ttacttacca tactcatata 400
gaaag 405

<210> 71
<211> 526
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 26, 44, 54, 143, 244, 351, 504
<223> unknown base

<400> 71
gttcaggacc aagcggttaag aaggcntgag gacccaggcc ccantggagc 50
agtntgtcct tatgccaat caaggcggaa catgggtgaa agacgagtaa 100
ggggcaaattc acagaatatt ccacagcgcc ctccagagtt acntggggag 150
gaccgaggcc acacgccact gccccgagg ccagagtgt a gtaaaggat 200
aaccaggact cgctggaga gatggattct gtcctcagca acantccaca 250
gcagaaaagggt gtagcaggta cccctttta tcagcggtaa aaatgcattt 300
acaacctttc atttaaccga aaaacacaga ccgcttaac ctttttattt 350
ntgtccccca ctgcatgaac atttatacaa tttaaaaat acttcctcat 400
aggatgtttt ggcccttcattt cttttttttt atagctacat acctattttt 450
tataagtagc agtacacatt caaagggtta ttcctagctc aatgcttggt 500
gttntagttc aacttttattc ctgcag 526

<210> 72
<211> 366
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 24, 274, 348
<223> unknown base

<400> 72
tagaaataaac ccttttcctt atngatttt agtcatcaaa catagtatga 50
tatggaaaaa gtcagccatt taccagaaat tatcttattt tgattttaaa 100
aactcatttc tatatgtagt tattgtaatg tctatTTTT tagacttaaa 150
gatttataga agactatagt tatctgattt gttatttggc attttttcat 200
tctgtaaatc tttgcttatg gcacattgtg ctctctgttt tccatggtt 250
tattcattta tctcctccta ttngagggg acaacatggg tagttaaatac 300
tttgtcaata gtattggaga taacactaac tgctattatc ataacatntt 350
catTTTact gcatgc 366

<210> 73
<211> 634
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 10, 59, 62
<223> unknown base

<400> 73
ggactgaatn cacttgtaat ggtgaccact gaaagctgca gagggacagt 50
aggtattna tnaaatgcct tatatggcat tctatATGAA gaacctctga 100
acccaaagta tattatTTAG aaagaaAGAT aaAGAGATAT aAGCAAAGTA 150
agaatatATC ttAAAAGTAT CTTATAAACC ATTAACCTAT AGTGGTAAGA 200
taaaccctct atcagcagga aaatacctgc atatgcatac ataAGGAAGA 250
ctgtgcacct aatcttaggga tacataataa ggtggactct gtattAGTAG 300
taagtatTTT tataAAATAAA tacttagAAC AAATTATATA agataattat 350
aaatattaAG atctttatAT TGCATTGCTT CTGACTAAA AAATGAATAA 400
ataAAATGGGG tcttgctatg ttacCCAGGC tggAAATGCAG tggctattta 450
caggcacaat catagtgcac tacAGCCCCA aactcctggg ctcgagcaat 500
cctgttgccc agcctcccAG gtagctggga ctatataAA gcaggcacca 550
ctgtgcctgg ctgcttctga ctaatccaAG taagaATAAT aaATCTATGA 600
caaAGTTATA cacaatctcc taccCCTTacc tcag 634

<210> 74
<211> 493
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 31, 42, 60, 114

<223> unknown base

<400> 74

atggAACCCA gttggAAACC ACTCTTCACG NTTATTTATC CNGGGGAACT 50
TCCCCCAACN TAGCCAAGGC TTCGGTTGAG TTCTCACTCC AAAGGTGGGA 100
ACTGGACCAT GGGNACACTT GGACACGGAT GGGGAACTCA CACACCGGGC 150
CTGTCTTGGG GTGGCGGTAG GGCCTAGCAG TAGCATAGGA GATAACACCTA 200
ATGTAATGAC GAGTTATGGG TGCAGCACAC CAAATGGCAC TGTATACTGA 250
TGTAACAAAC CTGCACCTGT GCACATGTAC TCTAGAACCTT AAAGTATAAT 300
ATAAAAATT TAAAAAATTAA AAAAATCACT GGGCTAAAGT 350
AAATAAGTAT TTACTGGTT CTAAGATTGT TTTTCAGAGA GAAAAACAAT 400
AGAAGTGTAG AAGCAATTG ATAAAGAAAG GAGTCCTTC AACAAATGTT 450
GCTGCAACAG TCAAATGTCT GTATGCAAAA AAATGAACCT CCA 493

<210> 75

<211> 255

<212> DNA

<213> Homo Sapien

<400> 75

TGGAAAAAAA AAAAAGC CCCTTTCAg TTTGTGCCAC TGTGTATGGT 50
CCGTGTAGAT TGATGCAGAT TTTCTGAAAT GAAATGTTG TTTAGACGAG 100
ATCATAACCGG TAAAGCAGGA ATGACAAAGC TTGCTTTCT GGTATGTTCT 150
AGGTGTATTG TGACTTTAC TGTTATATTA ATTGCCAATA TAAGTAAATA 200
TAGATTATAT ATGTATACTG TTTCACAAAG CTTAGACCTT TACCTTCAG 250
CCACC 255

<210> 76

<211> 627

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 20, 47, 56, 66, 144, 163, 169, 294, 367, 395, 583

<223> unknown base

<400> 76

TTTGGGTTc CTTGACTTGN ACCAAGGTTT CGGGGAAATT TAAAGGNTTA 50
AGGAANGGGA GGAAANGTTT CTTAAATTG GAATTAACAG TAATAATT 100
TGGAAATTCC AATAAAATTG GCAAAAGATT GGGAAATTG GGANGAATAA 150
GGGAAACAGA TANTTTCNG GGTATTCAAGG TAAAGTTAA AAAAGGTTT 200
AAAAGAGAGT TTTCTAACAA TTTGAAAAG CAACATGAAA AATGAAAACA 250
GTTTAAACAG ATATACAATA TGGATGACTT ATATACAAAT GACNTTAA 300

tatattaaat tcattatagt agttatattt aagtaaaata tcatgaaatt 350
taatagagat tcactcntcc caaaagcacc ttcatggaag attcntcatt 400
aacaggcagt ccttagtat gctgattat acaaaatgct gaaaagaaga 450
gaaatacccc aagttcttga aaaaaaattt tttgatatga ctactctaac 500
agtaataact ataaatctca cttaaataa tttaaaacaa attaaagtga 550
tatacgat aaatgaccaa gcagacttga ttnttaggaat gttaaggaat 600
gttcattatt tgttttggat aatgaag 627

<210> 77
<211> 507
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 58, 60, 98, 107, 116, 240, 276, 432, 500, 502
<223> unknown base

<400> 77
tttggaaaagt taaaaaggga ggaagtggtt tttatgattt ggccgtttcc 50
ggttgcncn cagagagttc cttgccttcc ctgcccttga aggtgacntg 100
tggcccnntt gggtgntgat ggacctgtgt tcccaccctg gttcaaaaag 150
caaagaaaaag ggagtggat cagaaaaatgg aagaagagag taaagaagac 200
agtgctggct tgagagaagc agtggcttca ggtaaaaggn tactgccagc 250
gatatggacg ggagacagag aaatgntaga agagggcggt tccccaacaa 300
aggccccacc cacaaggctg gacacctgtg gccctaaatg agaacaggca 350
ttcctgttt tgcacccaaa aagtggttt ttgttatgcc acacccctta 400
tcctataccc atataaacc c tgaacccag gntccagctc agaccagcag 450
aggaggagac gagacaagca gacaatgcag aacagtgcag cagagagaan 500
tngagag 507

<210> 78
<211> 478
<212> DNA
<213> Homo Sapien

<400> 78
ccacgggtgc cggtcttcgc ccggcgccag ctgtccccga ggcgggagga 50
gccccgagggg cgcgagcccc gcatgaatca ttgttgtcaa tcattttcca 100
gttctcagcc gttcagttgt gatcaaggga cacgtggttt ccgaactgcc 150
agctcagaat aggaaaataa cttgggattt tatattggaa gacatggatc 200
ttgctgccaa cgagatcagc atttatgaca aactttcaga gactgttgat 250

tttgtgagac agaccggcca tcagtgtggc atgtcagaga aggcaattga 300
aaaatttatac agacagctgc tggaaaagaa tgaacctcag agacccccc 350
cgcagtatcc tctccttata gttgtgtata aggttctcgc aaccttggga 400
ttaatcttgc tcactgccta ctttgtgatt caaccttca gcccattagc 450
acctgagcca gtgcttggtg gagctcac 478

<210> 79
<211> 637
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 17, 54, 66, 113, 124, 160, 163, 165, 170, 179, 204, 259, 299,
382, 384, 487, 634
<223> unknown base

<400> 79
gtttgtccct ttttccngtt tttttggac aaattcagta taccaagcaa 50
catnaattcc agtttnggtg gattcccgaa gtctttggg atccttact 100
tgaccaaggg tcnggccctt ttcnngttggg acgtttgtaa gtttggca 150
gtttccgggn ganntngggan tcgggtttng ctttctgtgt tccattcgcc 200
cggnngcggtg gtgcagggtt tcgggctagt catgggtccc cgtttcggag 250
actgcagant aaaccagtca ttacttgtt caagagcgtt ctgctaattnt 300
acacttttat tttctggatc actggcgta tccttcttgc agttggcatt 350
tggggcaagg tgagcctgga gaattacttt tntntttaa atgagaaggc 400
caccaatgtc cccttcgtgc tcattgctac tggtaaccgtc attattctt 450
tgggcacctt tgggtgttt gctacctgcc gagctntgc atggatgcta 500
aaactgtatg caatgtttct gactctcggt tttttggcgt aactggcgc 550
tgccatcgta ggatttggat tcagacatga gattaagaac agctttaaga 600
ataattatga gaaggcttg aagcagtata actntac 637

<210> 80
<211> 294
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 18, 42, 105, 198, 205, 266
<223> unknown base

<400> 80
ggcggtatct ttttgcnag ttgcaattgg gggcaaagggt gnccctggag 50
aataattttt ttttttaaaa tgagaaggcc accaagtccc ctgggtgatc 100
attgntactg gtaccgtcat tatttttttg ggcaccttg gttgtttgc 150

tacctgccga gttttgcat ggatgctaaa actgtatgca atgttcnga 200
ctctngttt tttggcgaa atggcgctg ccatcgtagg atttgtttc 250
agacatgaga ttaagnacag cttaagaat aattatgaga aggc 294

<210> 81
<211> 436
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 53, 58, 78, 148, 162, 253, 281, 336, 399
<223> unknown base

<400> 81
gtatggcaga ggataaggcg ttatgagaag ctgccaagct tcagatgtgc 50
agntgggntg aataccgacg ccagcgcnta gcgcattt cttgcaccc 100
acacttagga aacaacccac gcctcaccgc gggaccggc cccagccntc 150
cagcacccag cntccggttc cgacgtccgc gcgtgaccc cgggtaccgg 200
aggacccctgg gacgaggagg tccctccgct ttccggtagg atatatctgc 250
atnttggaaag gaagataaaa caaaagcatt ntttggataa gatggatccc 300
tgtcacttcc tgtgtgaact aaagtgattc aatgtntctt ttggattgct 350
tctgcacttc aagaacacaa gttgaatcac tcagacccctga aaaacagttt 400
gaaaccagta tccatcaata cttgggttgc gagcca 436

<210> 82
<211> 670
<212> DNA
<213> Homo Sapien

<400> 82
actgatcaaa ggcaggcgat acttcctgtt gccgggacgc tatataaac 50
gtgatgagcg cacgggctgc ggagacgcac cggagcgctc gcccagccgc 100
cgccctccaaag cccctgaggt ttccggggac cacaatgaac aagttgctgt 150
gctgcgcgt cgtgttctg gacatctcca ttaagtggac caccaggaa 200
acgtttcctc caaagtacct tcattatgac gaagaacccctc tcattcgt 250
ttgtgtgaca aatgtcctcc tggcacctac ctaaaacaac actgtacagc 300
aaagtggaaag accgtgtgcg ccccttgccc tgaccactac tacacagaca 350
gctggcacac cagtgacgag tgtctatact gcagccccgt gtgcaaggag 400
ctgcagtacg tcaaggcagga gtgcaatcgc acccacaacc gcgtgtgcga 450
atgcaaggaa gggcgctacc ttgagataga gttctgcttgc aaacatagga 500
gctgcctcc tggatttggaa gtgggtgcaag ctggaaacccc agagcgaaat 550

acagttgca aaagatgtcc agatgggttc ttctcaaattt agacgtcatc 600
taaaggcaccc tgttagaaaac acacaaattt cagtgtcttt ggtctcctgc 650
taactcagaa aggaaatgca 670

<210> 83
<211> 427
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 21, 131, 150, 225, 352
<223> unknown base

<400> 83
aggcttcat tccccaccta nggagttat ttttgattt aaaaggttt 50
tagaactttt tggtgatggg tggtttattt aaggcccggg agaaaacattc 100
agattcgatt gaggaccagg aaatggcctt ntagggaaga gaaggcattn 150
tgcttagatgg cttttaaaaa tatttccgcc agagtcactt gtctcattaa 200
caacagttt tgtcttagaa gtctntctgt gatttataa actagcatga 250
ttttgttatg aatgcatgct gctctggttc tctaataagc ccaacatgca 300
tttgcattcat gtcggcaata agcactttt ttgctgtgtt aacaatgtca 350
tnttcattgt tgtgtgcctg tggttgact gtgacctgtc acatgagggtt 400
gggtgtggaa tttccactt gtggcaa 427

<210> 84
<211> 371
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 178
<223> unknown base

<400> 84
tctttggagc tgcaggaggg acggatggcg gaaccttcca gtcccccttca 50
gaggcgactg ccactcgccc ggccgtgcct ggactcccta cagtggtccc 100
tactctcggtt actccctcgg cccctggaa taggactgtg gacctttcc 150
cagtcttacc gatctgtgtc tgtgactngt ctcctggagc ctgcgtatata 200
aattgctgtt gcgcacaggga ctgctatctt ctccatccga ggacagttt 250
ctccttctgc cttccaggca gcgttaagggtc ttcaagctgg gtttgtgttag 300
acaactctgt tatcttcagg agtaattccc cgtttccttc aagagtttc 350
atggattcttta atggaatcag g 371

<210> 85
<211> 324

<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 33, 167
<223> unknown base

<400> 85
caggaacctc tttaagaaag tntattgtta ctnaaaacac accactgtct 50
tctggatgct tttctgggtg ccttgaaagt tcatacggtt ggaggacgtg 100
gacattgacg aagttcagtg tattctggct aacttgatata acatggaca 150
cgtcaaaaggc tacatcnccgc atcagcatca gaagctgggtg gtcagcaagc 200
agaaccatt tcctcccctg tccacgggtt gttgaaagta cacggagccc 250
cgaggacggg tgagcagttg tttctttcca ctgggttgt gctgatgaga 300
ccggtccggt actgcaacaa ggcg 324

<210> 86
<211> 514
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 20, 38, 64, 358
<223> unknown base

<400> 86
caacattctg gaccactaan cctctcttgg caacactngt tggacagatc 50
ctgaagatata gggngaccta ttcctagaat gttgctgaag ctgggttcttgc 100
tgggtggtaa tataattctg cacttccctt cctcagtgtt cttgtttgtt 150
ctgaaagata caaccttgca gtagttggc ttcgtcatgc agaatgttta 200
aaggccttag gctatatgga gcgagctgtt gaaagctatg gcaagggttgt 250
tgatctggcc ccactccatt tggatgcaag gatttcactt tctacccttc 300
agcagcagct gggccagcct gagaaagctc tgaaagctctt ggaaccaatg 350
tatgatcnag atacttttgatc acaggatgca aatgctgcac agcaggaact 400
gaagttatttgc cttcatcggtt ctactctgtt gttttcacaa ggcaaaatgt 450
atggttatgt ggataacctta cttactatgt tagccatgtt tttaaaggta 500
gcaatgaatc gagc 514

<210> 87
<211> 84
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 23

<223> unknown base

<400> 87
aatgtatgt atcatcagtt ggntacgtt tggttctatg ctaaactgtg 50
aaaaaatcaga tgaattgata aaagagttcc ctgc 84

<210> 88
<211> 588
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 53, 67, 91, 110, 195, 208, 424, 484, 487, 572
<223> unknown base

<400> 88
cggttaactt agtgttttg cnacaaggaa aattttttt tcagccaggg 50
ggngggggcc ctgtggnatc ataaaaaggt cctggcatgg ntaacagcca 100
tttggccan tttgccgaa tttgtgttt ataaacttca gatggaagac 150
cagaaataac aagtgtgcat ttagcagaat tcccttcctg ccagntgatg 200
agacattntg gaagcatttt ctgactttaa aaatgaacat ttcggttctt 250
gtcctcccc tatattttt tacatttctc tatgtgcaaa tgagaaaaac 300
actaaggttc agggagcaga ggtatagcct tttcaagctt gttttgcca 350
taatggtagt ctcccttcgt atgtggcgc cctacaatat tgcattttc 400
ctgtccactt tcaaagaaca cttnccctg agtactgca agagcagcta 450
caatttggac aaaagtgttc acatcactaa actnatngcc accacccact 500
gctgcatcaa ccctctcctg tatgcgttcc ttgatggac atttagcaaa 550
tacctctgcc gctgtttcca tntgcgtagt aacacccc 588

<210> 89
<211> 521
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 66, 72
<223> unknown base

<400> 89
caggaatctc gaacactggc tcctccctt agttcccgcc ctcggagtca 50
gcaaggcaggg ggagtntgag gnccctggaa cagctctgac tctggctgac 100
acacctgcct ctgggcaagg gtggtgacata tctgaggcgg acaggcacac 150
atggagaagt cagagtccac gccctctgct ccatcccagt agccaccgtc 200
tcaactcagc ccctcgac ttcacactt ggcagtggtt tctgtccact 250
cagctgggttc agttggctt atcacatctc ccggcctcta gggttggctc 300

aggcccacct ccgtcctctc atagggctgg ccatccaacc atatcactcc 350
tctcacggct tttaaggata aagttgaag ccttaaggat acgtcacagg 400
tcctctaggc cctgattacc tcagttctg cctagaagtt tatgccccag 450
aaacagtcaa acctccatgt ttaccctcac acaacctgtg tgtctcaaca 500
ccataacttt gctcatactg g 521

<210> 90
<211> 613
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 43, 120
<223> unknown base

<400> 90
tccggggccc cggggacgct gtccctgaac ttgccgggga gcngcccccg 50
gcgtcccgcg cgtcccgcg tccctggcaa ttcccgactt cccaacggc 100
tccctgctgg cagccccgn agccgcacca tgcccgact ctggttgtg 150
ctggccgggc tctgccccct cctggagtca agacccggtt ttcaaaattc 200
acttctacag atcgtaattc cagagaaaat ccaaacaata caaatgacag 250
ttcagaaaata gaatatgaac aaatatccta tattattcca atagatgaga 300
aactgtacac tgtgccaccc taaacaaaga tatttttag cagataattt 350
tatgatctat ttgtacaatc caaggatcta tgaataactta ttcttcagat 400
attcagactc aatgctacta tcaagggaaat attgaaggat atccagattc 450
catggtcaca ctcagcacgt gctctggact aagaggaata ctgcaatttg 500
aaaatgtttc ttatggatt gagcctctgg aatctgcagt tgaatttcag 550
catgttcttt acaaattaaa gaatgaagac aatgatattg caattttat 600
tgacagaagc ctg 613

<210> 91
<211> 445
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 24, 45, 68, 107, 113, 118, 405-406, 419
<223> unknown base

<400> 91
ttgagctcga tatcccacag agcntccagc agaacggttc cttntacat 50
cccacgttta cttcacccnaa gagtggcttc ccacccagac ccccgaa 100
agccctntac ccnccggntt gccacagtcc acatgtccccg gatgatcaac 150

aataacaagcg cagacgattt cagaaaacca agaaaactgct gacaggagag 200
acagaagcgg acccagaatg atcaagaggg ctgaggacta tgggcctgtg 250
gaggtgatct cccattggca ccccaacatc accatcaaca tcgtggacga 300
ccacacgccc tgggtgaagg gcagtgtgcc ccctccctg gatcaatatg 350
tgaagttcga cgccgtgagc ggtgactact atccccatcat ctacttcaat 400
gactnnntgga acctgcagna ggacttagggc cccatcaacg agagc 445

<210> 92
<211> 398
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 43, 63, 74, 113, 138, 148, 158, 178, 208, 252, 259, 262, 302,
317, 346, 369, 371, 379
<223> unknown base

<400> 92
ccctgctgtc ttggggccct ggtttggtgc ccttgccaa aanagcggtta 50
ggtccccctgg acngaaccaa aatnatcttc ccaagtgtct tcaaaaagat 100
tttctgccaa ggnngccttc cgggtcgat actacaonta cctgcganga 150
gggatttntc agcttgggg gcgggaantc ggccaccatg gtgtgcgtgg 200
tgccctangc cgccatccag ttcagcgcac acgaggagta caagcgcac 250
cnnggcagn antatggctt cggtgagaa gccctgcccc cttggccttg 300
cntttcgcc ggccgcantgg ctggaacgac agccggttca ctgacntacc 350
ccctggaccc ggtcagagng nggatggcng taaccccgaa ggaaatgt 398

<210> 93
<211> 117
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 34, 50, 57, 79, 113
<223> unknown base

<400> 93
aacttaatgc aaagggtgtg agatgttccc cccngctgta aaatgaaggn 50
ctattgntat ttattgagct ttgtgggant ggtggaagca ggccccatg 100
gaccatgccc ccnccct 117

<210> 94
<211> 267
<212> DNA
<213> Homo Sapien

<220>

<221> unsure
<222> 34, 40, 75, 127, 153, 176, 183, 221
<223> unknown base

<400> 94
ggcagccgcg gcatgtctat agcaactttt ttantaccan ccaagtttgt 50
agaacattat ccaatatgtg gactntcaca atcattggga ttggaccgga 100
taagttata aatttggcct tatttgnttg gaagtgatta taccgaagga 150
atnccaactg tgggttgtgt aaccgnccat ggnaattcta caatgaattc 200
cctgggcattg gccctggaac ntctcctaaa attctcagaa tggtggcatg 250
aagctcaaaa aaatcac 267

<210> 95
<211> 149
<212> DNA
<213> Homo Sapien

<400> 95
gggtttttttt tttttggtct ggccttttc atttagctta atgtttcaa 50
ggttcatcttca tggtgtatca cgtatcagta ctttattttt tgtgtggcac 100
gtcatatgga taccccacaa cccgtttatc ttttcattaa ttatggcgg 149

<210> 96
<211> 141
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 35
<223> unknown base

<400> 96
ttttttttttt tttttttttt ttttgagacg gagtntcatt ctgtcgctcg 50
ggctggaggc cagtggcgcc atcttgctc actgcaacctt ctgccgcccag 100
gttcaagtga ttctcttgcc tcagcctcca gagtagccgg g 141

<210> 97
<211> 598
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 79, 82, 132, 146, 187, 317, 371, 380, 383, 386, 473, 503, 554
<223> unknown base

<400> 97
gtttttgtta cagttttgc ccaccatggt tgcagttata atgatgagct 50
gcagtttttg gagaagattc aataaaaaat gntggaggat caagaagggt 100
ttgtgccccaa catgcagggtt gaaggtgttt tntatgtcaa tgatgntttg 150
gagaaattga tgtttgagga attaaggaat gcctgtngag gtgggtgggt 200

tggtggttcc tgccagccat gaaacagatt ggcaatgtgg cagccctgcc 250
tggaattgtt catcgattta ttgggcttcc tcatgtccat tcaggatatg 300
ggtttgctat tggaaanatg gcagcctttg atatgaatga ccctgaagca 350
gtagtatccc caggtggtgt ngggtttgan atnaantgtg gtgtccgctt 400
gctaagaacc aatttagatg aaagtatgtt ccagcctgtg aaggagcaaa 450
ttgccccaaatc tatgtttgac canattcctg ttgggggtggg gtcaaaaaggt 500
gtnatcccaa tgaatgccaa agaattggag gaggccttgg agatgggggt 550
ggantggtcc ttaagagaag ggtatgcctg ggctgaagac aaggagcc 598

<210> 98
<211> 518
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 28, 67, 111, 147, 152, 175, 219, 221, 224, 244, 259, 272, 285,
307, 309, 326, 368, 395, 477
<223> unknown base

<400> 98
aattagaaaa ggaaggttta ttttaanat tcttccttcca attggttaa 50
tggtaatta atgaagnggg taagcaaaac caggtgcttg cggtgagggt 100
tttgcagtgg ntgggaggac cccggggttt ccccggtct tttccangaa 150
tngttcggcc cctttgaat aaaanacccg cgagccccga gggcccagag 200
gaggccgaag tgcccgagnt nctncggggg tcccgccgc gagnttttt 250
tttgccttng catttcctcc tngggcgttt tgganatgcc aggaataaaa 300
aggatantna ctgttaccat tttggnttt tgggttccaa gccctggaa 350
tgcacaggca cagtgcanga atggcttga cctggattgc cagtnaggac 400
agtgtttaga tattgatgaa tgccgaacca tccccgaggc ctgcccagga 450
gaaatgatgt gtgttaacca aaatggnggg tatttatgca ttccccggac 500
aaaccctgtg tattgagg 518

<210> 99
<211> 439
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 39, 59, 104, 130, 146, 209, 221, 233, 248, 269, 284, 287, 290,
305, 360, 380, 386
<223> unknown base

<400> 99
ataccaagca ggcctttggc atcatgaacg agctgcggnt cagccagcag 50

ctgtgtgang tcacactgca ggtcaagttac caggatgcac cggccgcacca 100
gttnatggcc cacaagggtgg tgctggcctn atccagccct gttttaagg 150
ccatgttcac caacgggctg cgggagcagg gcatggaggt ggtgtccatt 200
gagggtatnc accccaaggt natggagcgc ctnattgaat ttgcctanac 250
ggcctccatt tccatggng agaagtgtgt cctncangtn atgaacggtg 300
ctgtnatgta ccagattgac agcggtgtcc gtgcctgcag tgaattcctg 350
gtgcagcagn tggaccccag caatgccatn ggcatngcca aatttgctga 400
gcagattggc tgtgtggagt tgcaccagcg tgcccgaaa 439

<210> 100
<211> 395
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 54, 74, 119, 170, 194, 215, 257, 285, 317, 328, 373
<223> unknown base

<400> 100
ttggcatatt tttccccc ttaattcaat tccagcattt tcatgcagca 50
cggnnaatcct ttgattccac aganacatat ccccaagcatg cgtagtttt 100
ggatggcacc accagcagnt ttatccccct gtaccgatcc tcagaggaag 150
agaagagagt gacagttatn aaagccccgc attaccagg gatngggccc 200
gtggatgaat ccggnatccc cacagcaatt agaacgacag ttgaccggcc 250
caaggantgg tacaagacga tggtaagca aattnacatg gtgcacaagc 300
cgatgatga cacaganatg tataatanc cttatacata caatgcaggt 350
ttgtacaacc caccctacag tgntcagtca caccctgctg caaag 395

<210> 101
<211> 326
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 28, 33, 82, 112, 144, 185, 190, 204, 215, 235, 238, 292
<223> unknown base

<400> 101
ccaatcgccc gggcggtgg tgcaggtntc ggntagtcatt ggggtccccg 50
tttcggagac tgcagactaa accagtcatt anttggatca agagcgtttt 100
gctaatttac anttttattt tttggatcac tggcgttatc cttnttgcag 150
ttggcatttg gggcaaggtg agcctggaga attantttt ttttttaaat 200
gagnaggcca ccaangtccc ctttgtgctc attgntantg gtaccgtcat 250

tatTTTTTG ggcacCTTg gttgtttgc tacctGCCga gNTTTGcat 300
ggatgctaaa actgtatgca atgttt 326

<210> 102
<211> 336
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 41, 127, 146, 178, 203, 220, 254, 267, 272, 320
<223> unknown base

<400> 102
tggccCTTgg tggcagcgag gtgggcggcg gcggaggagg ntggacccca 50
tggaaagtccg cgggtgagtg agacccggcg cccacggtca atccccgcaa 100
atttcctggg ccctccccga cggcctncct gccctttgt ttaantttt 150
tataaaatg cttaggatac agattgantt tttttgtaa atgactgttt 200
tantttcct gaagtaggan atatatgcac tttgataaaaa cagaatgaga 250
agtnataatt catgggnatt cttataacaag gtgctgatcc tgtgtttgga 300
gctgagctcc tcacagcagn tttttcagc tatttt 336

<210> 103
<211> 355
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 107, 145, 150, 168, 174, 185, 239, 254, 285, 295
<223> unknown base

<400> 103
tgccgagttc attttttng ccattggca cattatagca tttgatgagc 50
tgaagactga ttacaagaat cctatagacc agtgtataac cctgaatccc 100
cttgtantcc cagagtacct tatccacgct tttttctgt gtcangttt 150
tttgtgcagc agagtggntt acantgggtt tcaanatgcc cctttggca 200
tatcatattt ggaggtatat gagtagacca gtgatggang ccccaggaat 250
ttangaccct acaaccatta tgaatgcaga tattn>tagca tattntcaga 300
aggaaggatg gtgcaaaata gcttttatt ttttagcatt ttttactac 350
ctata 355

<210> 104
<211> 453
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 43, 76, 166, 187, 203, 209, 251, 291, 326, 338, 341, 388, 398
<223> unknown base

<400> 104
cggtggaaat ttagttttc caggatgtgg ttgcccccttc cgntgtgggg 50
ggaaaggggc ccccagaacc gaccanaccg tggcaagaga cccagaaccc 100
gaggacgaaa aattgtatga qaagaaccca gattcccatg gttatgacaa 150
ggaccccggtt ttggangttt ggaacatgcg aattgtnttc tttctttggc 200
gtntccatna tcctggcct tggcagcacc tttgtggcct atttgccctga 250
ntacaggatg aaagagtggt ccgcgcgca agctgagagg nttgtgaaat 300
accgagaggc caatggcctt cccatnatgg aatccaantg ntttgacccc 350
agcaagatcc agctgccaga ggatgagtga ccagttgnta agtggggntc 400
aagaagcacc gccttccccca cccctgcct gccattttga cctttttca 450
gag 453

<210> 105
<211> 449
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 23, 39, 72, 75, 123, 153, 164, 191, 227, 233, 251, 254, 314, 341,
353, 356, 365, 379, 434
<223> unknown base

<400> 105
aacttcggtg agggtgccgt tanctgctgt tcctgcagng attatgggga 50
ttttttcgg gggtttgtgc gntangaatt tgaggccgac gcccattgg 100
gttcagagag acgcaacaag aanttgagga catggagaac gaattttact 150
atngctaccc aagnntccag gaagtgcag tgatggttt ngtgggcttc 200
ggcttcctca tgactttcct gcagcgntac ggntttagcg ccgtgggctt 250
naanttcctg ttggcagcct tcggcatcca gtgggcgtg ctcatgcagg 300
gctggttcca cttnttacaa gaccgctaca ttgttgtgg ngtggagaac 350
ctnatnaacg ctgantttg cgtggcctnt gtttgcgtgg cctttggggc 400
agttttgggt aaagtcagcc ccattcagct gctnatcatg acttttttc 449

<210> 106
<211> 394
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 30, 74, 87, 114, 132, 136, 246, 340, 345, 349, 376
<223> unknown base

<400> 106
gggaaacttg ggaggaacat gcaggagtgn atttgtttg gtgggggtt 50
tcctggcctg gttcaggcct gcctgagcc ctggantgt gggaaaagt 100
atggttcca gatngccgac tgtgcctacc gngacntaga atccgtgccg 150
cctggttccc ggccaatgtg aatacactga gcctgtcagc caaccggtgc 200
caggcttgcc ggaggggtgcc ttcagggagg tgcccctgct gcagtnctg 250
tggctggcac acaatgagat ccgcacggtg gccgcggag ccctggcatt 300
ttttagccat ttcaagagcc tggacctcag ccacaattt attntgant 350
ttgcctggag cgacctgcac aacctngttg ctgtccattt tgag 394

<210> 107
<211> 525
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 10, 23, 41, 71, 95, 158, 166, 196, 361, 367, 414, 499
<223> unknown base

<400> 107
cccaagggtn cgaaatttgg aangttcata ggttcttcaa ngtcattcat 50
tccctggtag acaaatccaa natcaaccga cagttggagg tatanacaag 100
cgaggaggacc ctgagagtgt ggctggggag tatggcggc attccttta 150
caaaatgntt gtttattca gcctggtcgg gttttccgc ctgcantccc 200
tgttaggaga ttactaccag gccatcaagg tgctggagaa catcgaactg 250
aacaagaaga gtatgtattc ccgtgtgcc aagtgcagg tcaccacata 300
ctattatgtt gggtttgcattt atttgcattt gcgttgcattt caggatgcc 350
tccgggtttt ngccaanatc ctccttaca tccagaggac caagagcatg 400
ttccagagga ccangtacaa gtatgagatg attaacaagc agaatgagca 450
gatgcattgcg ctgctggcca ttgcctcac gatgtacccc atgcgtatng 500
atgagagcat tcacccatccag ctgcg 525

<210> 108
<211> 498
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 12, 14, 135, 137, 165, 219, 309, 322, 334, 339, 341, 379, 386,
405, 417, 423, 430, 466, 480
<223> unknown base

<400> 108
gaccatccc angngtccgg agatcatgag gatgtttttt aatggccggt 50

acatcctcct gctgatgggg ctgtttcag tgtacactgg cttcatttac 100
aacgatgctt ttcaaagtca gtcaacctgt tcggntntgg gtggaacgtg 150
tcggccatgt acagntccag ccacccaccc gcagagcata agaagatgg 200
gctttggaac gacagcgtn gtagacacaa cagcatttg cagctggatc 250
caagcattcc tggagtgttc cgaggccctt atccccttgg cattgatcct 300
atttggaaat tggccacaaa tngcctcaact tttntaaant ntttcaaaat 350
gaaaatgtcc gtgattttag gaatcattna tatgantttt ggagtcattt 400
tgggnatatt taaccanttg canttcaggn agaagttcaa catttacctg 450
gtttccatcc cggaanttct tttcatgctn tgtatTTTg gataccta 498

<210> 109

<211> 573

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 74, 110, 139, 142, 213, 233, 276, 292, 320, 348, 405, 413, 418,
430, 448, 469, 490, 492, 500, 511, 545, 552

<223> unknown base

<400> 109

taaggccttc aggtccccctt ctttacccca ggttttac agaatggatt 50
cccagcggga aattgcagag gaantgcggc tttaccaatc caccctttt 100
caggatggtn taaaagattt cctggatgag aaaaaattna tngattgcac 150
cctaaaagca gggacaaaag tttccttgc cacagattga ttttgtcagc 200
ttgttagtcct tanttccggg agtactttt atntgaaatt gatgaggcga 250
aaaaaaaaagga ggtagtgcata gacaangtgg atcctgctat anttgattta 300
atcatcaaat acctgtactn tgccagtatt gatctcaatg acggaaangt 350
gcaagatatt tttgcattgg ccagccgctt tcagatcccc tcagtgttta 400
ctgtntgcgt ttnttatntt cagaaaagan ttgctcctgg taactgtnta 450
gccatcctaa gattaggant ttttttgac tgcccgagan tngccatttn 500
tgcccggtgaa nttgtgtctg atcgctttgt acagattgt aaggnagagg 550
antttatgca actgtttcca cag 573

<210> 110

<211> 530

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 58, 159, 163, 210, 224, 244, 278, 302, 351, 359, 361, 366, 395,
404, 415, 417, 454, 472, 481, 499

<223> unknown base

<400> 110
gcattatttg aatgcagcat ggcagctatt atcacctaa ttgggagtga 50
tcccaggngg gggtctttat attcgttcat gtcgagtatt gatgcttct 100
gactggtaca cgatgctta caacccaagt ccagattacg ttaccacagt 150
acactgtant cangaagcgt ttacccacta tataccattg tatttattta 200
ttacgcattn tgcttggtat taangatgct gctccgacct ctntggtga 250
agaagattgc atgtgggtta gggaaatntg atcgattaa aagtatttat 300
gntgcacttt actttttccc aattttAACC gtgcttcagg cagttggtgg 350
nggccttna naaaangcct tcccatacat tatatttagtg ttatntttgg 400
ttantctggc tgtgnanatg tctgctttg aaatagagaa ctgctatgat 450
tttntggtca gaaagaaaag anttattgtt ntttcagcc actggtant 500
tcatgcctat ggaataattt ccattccag 530

<210> 111
<211> 356
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 24, 42, 87, 99, 101, 286, 303, 329
<223> unknown base

<400> 111
ggtaactgtg agcaggttgt attnacagcc tgcatgaccc tnacggccag 50
ccctgggtg ttccccgtca ctgtacagcc accgcantgt gttcctgana 100
ngtacagcaa cgccacgctt tggtacaaga ttttcacaac tgccagagat 150
gccaacacaa aatacgccca agattacaat ccttctggc gttataaggg 200
ggccattgga aaagtttac atgctttaaa tcccaagctt acagtgattg 250
ttccagatga tgaccgttca ttaataaatt tgcatntcat gcacaccagt 300
tanttcctt ttgtgatggt gataacaang ttttgctatg ctgttatcaa 350
gggcag 356

<210> 112
<211> 711
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 24, 46, 73, 91, 128, 134, 145, 151, 192, 205, 216, 218, 239, 356,
386, 409, 415, 448, 471, 496, 506, 562, 568, 599, 671, 675, 684,
698
<223> unknown base

<400> 112

aagggtccgg ttgggttcatt taangtataat taaattgaaa gggtncttt 50
cagtcattgg aacagtttgt atnattggga acacccaacc natgttagta 100
ggatggatg tgttacagtg tgtttaanac attntaaatt acagngcatg 150
ngcttatgtc cgttggttat ttgttgagca gttaaatttag gnggaatatt 200
ttttntattt tcctcnangg gataggcaag ctgtgggnna gcacaggcatt 250
tggagcaagc agatttgatt gtgacccttat ataagttca atttccctgt 300
ctgtaattag atccccactt tattgggttg ttgttaaggat taaatgaagt 350
aatttntgta aaacataatg actgatacaa agtagnaaat aagtaaattt 400
ttaattttnt ttcanttttg caccagcata cagacatagt atgttncntt 450
ttgaccaaac agaacagaat nagatgtgta ataatataag agtganttag 500
cagttntagt tatttaccta atagaaatga gtgcataatgt gtgccagaag 550
acatgtatag gnatgttnat agcagcattg cttgtgatag cccaaaaant 600
agaaacaccc acagatttaa caacagtaga atggattaat aaattgtgg 650
atattcataaa aatgcaattt nattnaacaa cagnagcgaa cacagtantg 700
gtacacacacac c 711

<210> 113

<211> 507

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 101, 263, 376, 397, 426

<223> unknown base

<400> 113

gctggaaa

www.gutenberg.org/cache/epub/1/pg1.html#Page_1

nacactttttt acagtggctt agaaggcttc tggtagaaaa aaagagcatt 150

ctacagactt atatctggcc tacatgcaag cattaatgtg catttgagtg 200

caagatatct tttacaagag acctggtag aaaagaaaatg gggacacaac 250

attacagaat tttaaacagcg atttgatgga attttgactg aaggagaagg 300

tccaaagaagg cttaagaact tgtatTTct ctacttaata gaactaaggg 350

ctttatccaa aqtqttacca ttcttngaqc qccccqaqattt tcaactnttt 400

actggaaata aaattcaagga tqaaggnaaac aaaatgttac ttttgaaaat 450

acttcatgaa atcaaggatcat ttccctttggc ttttgatgag aatttcatttt 500

tttgatc 507

212 334

<211> 551
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 32, 58, 61, 85, 149, 169, 204, 255, 261, 300, 317, 324, 326, 329,
354, 397, 535
<223> unknown base

<400> 114
ccttgaataat tatgggtgtgg ccggaaccaa anaactttgc tttattgggg 50
actgggcntt naagttcca ggggcacctt ttggngccag ccccatgcag 100
gggatttttg gaagtgtgca ggtgcctgta tggttcagta ccagaagtn 150
tttgtggctt ttgaagttna aggcaaggcc tgggtgccca ggccggtgcc 200
cgcntgggt tcaagcggac cagttccatg gattccccag gaggtcccct 250
gcccntcccc ntgttcaaag gaggggttgg cggtgcaggg gcaaccctn 300
gaaagcgggg tgtttnttt tttntngang cttccgggt gaaaccctt 350
ttgntccata tgccctaaaa ttatggga aggctggga agtaggntt 400
gggtccatgc ctaaatttgc accgtttat tcctcaaggc ctatagcctg 450
tcaatccttgc aagcctttt tgcctgtccc tccgatcctt gtccaccgtt 500
tatattattgc ccaatttatt gtttatacgg atgantggga ggcaatgcac 550
c 551

<210> 115
<211> 404
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 51, 65, 87, 97, 117, 158, 180, 201, 203, 237, 291, 300, 309,
348, 381
<223> unknown base

<400> 115
gcagaggttgc agcggcagaa anataaaacc cttgaaagtgc cttccctgg 50
ntccagccat catcntcatc ctccctgggg tcgtcangtt catggtncc 100
ttcattgggtg tgctggngtc cttccgtga caacctgtac ctttcccaa 150
gcattcangt acatccttgc gattgcctn atcatggagc tcattgggtgg 200
ngnggtggcc ttgaccttcc ggaaccagac cattganttc ctgaacgaca 250
acatttgaag aggaatttgc aactactatg atgatttggaa nttcaaaaan 300
atcatggant ttgttcagaa aaagttcaag tgctgtggcg gggagganta 350
ccgagatttgc agcaagaatc agtaccacga ntgcagtgcctt cctggacccc 400
tggc 404

<210> 116
<211> 274
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 123, 129, 173, 186, 224, 267
<223> unknown base

<400> 116
gtcatttccc ccgctttat atcctgtaca caatttcat gaaaggattg 50
cagatgttat gggctgatgc caaaaagggt agaagaataa agacaaatat 100
gtggaagcac aatataaaagt ttnatcaant tccataccgg gagatggagc 150
atttgagaca gttccgccaa gangtcacca agtgtnttt cctaggtatt 200
atttccattc cacctttgc caantacctg gttttttgc taatgtacct 250
gtttcccagg caaatantga tcag 274

<210> 117
<211> 502
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 29, 44, 55, 86, 114, 117, 157, 167, 197, 207, 236, 261, 275, 292,
300, 302, 317, 341, 343, 366, 373, 446, 452, 481, 497
<223> unknown base

<400> 117
gggtggaatc ccaattttg ggggaaagnt ttccggaggt tcanttaagg 50
gaagnaattt caaaatgaaa attcaaagta gtgttngccc agagttgatt 100
gtggtcagca ttnganata gcccagagat acaggataag caaataccca 150
aaccttnaaa ttgttngta aatggatga tgatgaagag agaatanagg 200
gttcagngat cagtgaaagc attggcagat aacatnaggc aacaaaaaaag 250
tgaccattt naagaaattc ggganttagc agaaatcacc anttttgatn 300
gnagcaaaag aaattnatt ggatatttg agcaaaagga ntnggacaac 350
tatagagttt ttgaangagt agngaatatt ttgcattgtactgtgcctt 400
tttttttgca ttgggatg ttcaaaacc ggaaagatagat agtggngaca 450
anataattta caaaccacca gggcatttg ntccggatagat ggtgtanttg 500
gg 502

<210> 118
<211> 236
<212> DNA
<213> Homo Sapien

<220>

<221> unsure
<222> 34, 36, 93, 104, 147, 151
<223> unknown base

<400> 118
aaagcccaag ttaccagctg ttcaaaaaac agtngngatt tcagttcac 50
gattgttgac ccggtgattt ccccagtgc gaacattatg gtnattcaa 100
cagnaacaga ccgacatata acattacatt gccttcagt caatggntcg 150
ntgcccata attacactt tttgaaaac catgttgcca tatcaccagg 200
tatttccaag tatgacaggg agcccgaacc cttgc 236

<210> 119
<211> 204
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 21, 33, 64, 129, 167, 172, 198
<223> unknown base

<400> 119
atatgcagag agactgggtg ntccgagctc cantcaggtg aaagaatttg 50
cgccaattgt tgangtgaaa ggagaatttc attacattt ggatccaaag 100
caagcactga tgaagctcac cctaggtant gcagggcagtt tatttcccc 150
agcattgtac atttgnttg anttcatatg gagttttta ttcaaaantt 200
cagc 204

<210> 120
<211> 438
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 32, 65, 92, 121, 142, 154, 170, 293, 315, 323
<223> unknown base

<400> 120
gttattgtga actttgtgga gatgggaggt cttggggctg tgccatgg 50
cgagctggat accangttt tggaaagtgc cccgtgttt gntatgccga 100
tgctgtccta gtggaaacaa ntccactgtt attagattga tntatgcact 150
tttnttgctt gttggagttt gtgttagttt tgtaatgtt ataccaggaa 200
tggaagaaca actgaataag attcctggat tttgtgagaa tgagaaaggt 250
gttgcctt gtaacatttt gttggctat aaagctgtat atngttgtg 300
ctttggttt gctangttct atnttcttct ctcttacta atgatcaaag 350
tgaagagtag cagtgtatcct agagctgcag tgcacaatgg attttggttt 400
tttaaatttg ctgcagcaat tgcaatttattt attggggc 438

<210> 121
<211> 229
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 58, 66, 71, 79, 92, 110, 116, 138, 162, 192, 207
<223> unknown base

<400> 121
tggagataag agttacagc aaattacatg atgacctagg agagttcca 50
tatggatngt ttgaanttgt ngcttagtana aaatcttcc tnttttcac 100
tgacatgttn atttantgga ttcacagagg cttcatnat agactggat 150
ataagcgctt anataaacct caccatattt ggagattcct antccatgg 200
caagtcntgc tttcacccct attgatggc 229

<210> 122
<211> 273
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 34, 198, 202, 218, 230
<223> unknown base

<400> 122
tgccctggc ctgatggttc antttttttt aaantttttt atcagtacaa 50
attatggat aacatatgaa attttattat gtgtatgtaa tgcatagtga 100
taaagtcaag gtatttacgg tgtccataac ccaaatacaa tacattttg 150
taactatagt caccctgctt ttttatcaaa cattgaattt attccttnta 200
tnttattttat gtgtgtantt tttaacacan ttctcttcat cttcccttct 250
cctcccaatc acccttcccg tcc 273

<210> 123
<211> 376
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 61, 73, 130, 219, 343, 351
<223> unknown base

<400> 123
agaagggggg gtgaaagtgg ttgcccgatg atggccagaa accaaccacc 50
agaggccagg ntgaaagaca agntccgggt gtcctggggc tgacgggcca 100
accatgtggc aggtcccagg cccccacccan tgccatcc gccttgagc 150
tccacagtgg tcccaactaat gggAACCTCC ttttagggaga gtgatactgc 200

accttcaccc gtaggaatna tatttataac aatgtgtaat ggctgttagca 250
aaaagccctt gtttttagat gtaaatggc aaagaaacaa gcgcatttatt 300
gttttgaata aaatagttca aatgagtcct gtatcattgt atntcctatt 350
ntggattagt gcctttgga cgattg 376

<210> 124
<211> 437
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 32, 53, 55, 69, 85, 124, 151, 175, 196, 225, 247, 253, 262, 266,
275, 313, 316, 331, 334, 347, 349
<223> unknown base

<400> 124
atggaaaatt ttttttaggg ggggggggtt ctttgcggaa ggtggggcgga 50
cgngnggggg attttttntt ggccctgttc ctgcngagcg ttccggcggtt 100
gcccgccctgg cccctacgga gtcnttagcc aggtggagg ctgttgtgaa 150
nttgtaccaa gaggtgatga agcangcaga tccccggatc cagggnatacc 200
ctttgatggg gtcccccttg ctaangacct ccattttcct gacctangtg 250
tantttgttt tntcanttggtt gcctngcatc atggctaattc ggaagccctt 300
ccagctccgt ggnttnatga ttgttaccaa ntntcactg gtggcantnt 350
ccctttacat tgtttatgag ttctgtatgt cgggctggct gagcacctat 400
acctggcgct gtgaccctgtt ggaatattcc aacagcc 437

<210> 125
<211> 441
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 23, 177, 227, 251, 367, 370
<223> unknown base

<400> 125
aagttagggaa gtgtatttcc agntacagat ttgatcccgt tggagtggat 50
atcacttcga aaggaaaaat gagagcaaga tatgtgaatt acatcaaaac 100
atcagaggtt gtcagactgc cctatcctct ccaaattgaaa tcttcaggc 150
cacttcttac tttataaaaa gggaaatngtg gggctggaca gactttctaa 200
tgaaccataat ggttatgatg atggtttttc ctttattgtt atttgtgctt 250
ntgcctaaag tggtcaacac aagtgtatcct gacatgagac gggaaatgga 300
gcagtcaatg aatatgctga attccaacca tgagttgcct gatgtttctg 350
agttcatgac aagactnttn tcttcaaaat catttggcaa attagcagc 400

ggcagcagta aaacaggcaa aagtgggct ggcaaaagga g 441
<210> 126
<211> 397
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 84, 86, 96, 101, 112, 153, 220, 225, 297
<223> unknown base

<400> 126
cttcggccct ggcggtgaga gtgcagagac gaagtgcgag atgagcatta 50
tggcgccga catctcctca tcgttttat ctngngtgc acggtntgtt 100
ngcagagggc anaacctggg tcctggttt caggacagac aagtacaaga 150
gantgaaggc agaagtggaa aaacagagta aaaaatttggaa aaagaagaag 200
gaaacaataa cagagtcagn tggtnagaca cagaaaaaga aaatagagag 250
acaagaagag aaactgaaga ataacaacag agatttatca atggtnngaa 300
tgaaatccat gtttgttatt ggctttgtt ttactgccct aatggaaatg 350
ttcaattcca tatttcatgg tagagtggtg gcaaagcttc cttttac 397

<210> 127
<211> 179
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 67, 70, 95, 114, 170, 179
<223> unknown base

<400> 127
attttttag tatatccaca gagtttgca accatcaatt ttagaacatt 50
ttcatcacaa attttngcn tgtaatagtt tccttagagct gtttnttaac 100
gaagtaccac aagntgggtg gcttaagaca acagaaatgt attcctggcc 150
gggtgcagtg gctcacgccc gtaatcccc 179

<210> 128
<211> 561
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 37, 57, 82, 119, 150, 174, 184, 202, 217, 225, 303, 332, 354,
375, 429, 443, 490, 509, 523, 527, 547
<223> unknown base

<400> 128
atcccttc ctttttccc gccngtatt tttttttaac cttttccca 50
cctttgnttg ggttagccatg gggggagccg tngggggcaa tcagtcccat 100

tccatttcct tgggtccnt tgggagccga gccgttccgc gcccgggtgn 150
ggcgggagcc caggagcctg cccngcctgg ggangaagag tgcagttctt 200
cntggcggtg cacgatntga ttttntggag agatgtgaag aagactgggt 250
ttgttttgg caccacgctg atcatgctgc tttccctggc agctttcagt 300
gtnatcagtg tggtttctta cctcatcctg gntttctct ctgtcaccat 350
cagnnccagg atttacaagt ccgtnatcca agctgtacag aagtcagaag 400
aaggccatcc attcaaagcc tacctggang tagacattaa ttntgtcctc 450
agaagcttcc cataattaca tgaatgctgc catggtgcan atcaacaggg 500
ccctgaaant cattatttgt ctntttntgg tagaagattt ggttgantcc 550
ttgaagctgg c 561

<210> 129
<211> 526
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 57, 59, 68, 174, 185, 332, 343, 366, 369, 375, 388, 405, 465,
492
<223> unknown base

<400> 129
tggtcctcaa tccaaatttcc ggattttaga atgcccgtaa aaaatttata 50
attttanta caagaaanat tttaccaggg gcaattgtaa aggttttatt 100
aatttttaac ctttggcctt ttttttaag taaggcaatt aatataaaatg 150
taaaaatatac aatattaaca aacntggtt ccagnttgta cattagtaa 200
atatttaata ttaattacga gttattgagg tttaaagtag gctgtgcatt 250
tgtaattata ttttattatg ttcatgtttc catggcaatt gcctagttt 300
taaagttat tataatcctt atgtttgtga tntttttca tanttttatta 350
tttacaggag tccagnrant tgctntttta gttcccantt tgatattta 400
cctgntggat gaaaattttt ttgcctcagc aagttcagct tccaaagatt 450
ttcatgagtt tgcantccag aatttaatgc atattggacc tntgtatcca 500
catgctttca agacagtaat gggggc 526

<210> 130
<211> 429
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 267, 330
<223> unknown base

<400> 130
aaataaaattt ttcatccat tatgcatttt gtttgtaaat gtaaatttta 50
aaaatatggt taataacatt tcaaccgtt tattacaact taaaaggaat 100
tcagtgaatt tgaaaaattt ttttaacaag atttgtgaac tgaatatcat 150
gaaccatgtt ttgatacccc ttttcacgt tgtgccaacg gaatagggtg 200
tttgatattt tttcataatgt taaggagatg cttcaaaatg tcaattgctt 250
taaacttaaa ttacctntca agagaccaag gtacatttac ctcattgtgt 300
atataatgtt taatatttgc cagagcattn tccaggttg cagtttattt 350
tctataaaagt atgggttatta tggtgctcag ttactcaaata ggtactgtat 400
tgaaaaattt tgtaaaaaaa ataacatcg 429

<210> 131
<211> 372
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 126, 261, 347
<223> unknown base

<400> 131
gggggggggtg aaagtggctg ccagtaatgg ccagaaacca accaccagag 50
gccaggctga aagacaagct ccgggtgtcc aggggctgac gggccaaacca 100
tgtggcaggt cccaggcccc acccantgcg ccatccgcct ttgagctcca 150
cagtggtccc actaatggga acctcctta gggagagtga tactgcacct 200
tcacccttag gactcatatt tataacaatg tgtaatggat gtagaaaaaa 250
gcccttgttt ntagatgtaa atggtaaag aaacaagcgc tttattgttt 300
tgaataaaat agttcaaaatg agtcctgtat cattgtatct cctattntgg 350
attagtgcct tttggacgat tg 372

<210> 132
<211> 252
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 33, 37, 58, 95, 154, 204
<223> unknown base

<400> 132
ggatatctt ttccatccct ttatttcag tcnatgnngt tctttatagg 50
tgaaatgnngt ttcttgcggg caacagatca atgggtatgg ttttnacatc 100
tattcagcca gtctatgtct tttgtttggg gagtttagtc gatttatgg 150

caangttatt attgataagt aatgatttct cccagtttt tttctggttg 200
tttngtggtc ttctcttctt tccttcttcc tttctttcct tcccgctccc 250
ag 252

<210> 133
<211> 139
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 57, 118
<223> unknown base

<400> 133
gtatgtacat gtgtatggtg tgtgcattgt ggtgtgggt gcgtgtgcgt 50
ggtgtgnntg catgtgtatg tgtgtggcat gtatgttac ggtatgtata 100
tgtgtgggt gtgtgcangt gtgtgtatgt gtgttttg 139

<210> 134
<211> 366
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 127, 187, 366
<223> unknown base

<400> 134
ggggaaaaat atctgttaca aatttataat ttcaagacaa attgaatctt 50
attttataat acttttggaa tttcattaat aaggctaaaa tttgaggaat 100
ataaaataatt ttcagcctta agacatntaa gtttggaaat cttgttattt 150
caacagaata acaagaaaaac ttcagaatgt atcactntcc tgaaaagaag 200
atattaataa gcccttttat ttatggttat agttttatTT atagtctcaa 250
aattcctaaa gcaatgctac aaccattgaa tttgccatat tttgtatcag 300
tgctgttaat ttgctgttgc ctcaagaaaa agtgctttt ctccatggat 350
gaggctagac ctcgn 366

<210> 135
<211> 179
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 31, 59, 158
<223> unknown base

<400> 135
agggggttct tgacatTTTg ttcaaatcct ngtaacaatc tgtcttttagc 50
tttattttnt gagaaactga gcaaacctgt ttccattgcc ttcttagaag 100

ggtcatgta tatagcacta cagaagcata atgaagttc tcagctcca 150
aaattatngt tattatactg ctattatac 179

<210> 136
<211> 483
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 39, 54
<223> unknown base

<400> 136
tattcgcat tgactcctct tnctaagtgt cgcgcccn 50
gatntaagag agccgtcccg gtgtcctcg gtcccagtga ttgtgaagt 100
ctgccaattg ccactggaca tacttgaacaaa aaaataggaa aatggcagca 150
aactcttcag gacaagggtt tcaaaaacaaa aatagagttt caatcttgc 200
agaactggac aaagagaaaaaa gaaaactact tatgcagaac cagtcttcaa 250
caaatcatcc tggagcttagc attgcactct cgagaccctc tcttaataag 300
gacttccggg atcacgctga gcagcagcat attgcagccc aacagaaggc 350
agctttgcag catgctcatg cacattcatc tggatacttc atcactcaag 400
actctgcatt tggAACCTT attcttcctg ttttacctcg ctttgaccca 450
gaatgaagaa aacatttgcg atggaaaagt gac 483

<210> 137
<211> 598
<212> DNA
<213> Homo Sapien

<400> 137
cttgcgcag ccagttgccg gattattcta tttccctcc ctctctcccg 50
ccccgtatct ctttcaccc ttctccacc ctgcgcgcg tagccatggc 100
ggagccgtcg gcggccactc agtcccattc catctcctcg tgcgttc 150
gagccgagcc gtccgcgcgc ggcggcggcg ggagcccagg agcctgc 200
gccctgggaa cgaagagctg cagtcctcc tgtgcggc acgatctgat 250
tttctggaga gatgtgaaga agactgggtt tgtctttggc accacgctga 300
tcatgctgct ttccctggca gcttcagtg tcatcagtgt ggtttcttac 350
ctcatcctgg ctcttccttc tgtcaccatc agttcagga tctacaagtc 400
cgtcatccaa gctgtacaga agtcagaaga aggccatcca ttcaaaaggct 450
acctggacgt agacattact ctgtcctcag aagctttcca taattacatg 500
aatgctgcca tggcgcacat caacaggcc ctgaaactca ttattcgct 550

ctttctggta gaagatctgg ttgactcctt gaagctggct gtcttcatt 598

<210> 138

<211> 320

<212> DNA

<213> Homo Sapien

<400> 138

ccttagcaga catgcaaaag cttattcttg tgtgacttac tttctttaag 50
ctaataatat aaaaataaaat atgtatctta aaaatctata ataaaacatt 100
agaaataaaa gatatgtgct ttttattttg cagatgagtt catttgcttt 150
tgttagatgtg ttttcagagc taggtacaga ggaatgttg ctaccttag 200
cggtgaaaaa agaaagagag tcaagaattt tggtggattt tggttggtg 250
tgcatatatatt tgatatcatc attatatttta taatcttgg acttgtaatc 300
ataggcctgtt tattctactg 320

<210> 139

<211> 497

<212> DNA

<213> Homo Sapien

<400> 139

cggacgcgtg ggctgcttgc cgccctcttt ggataacctaa cattttacga 50
acatgtttag tcagaattgc ttcataccta ctcttctatc ttgggaactg 100
atattcttct tctcattgtc cgtctggctg tgttaatggc tgtgaccctg 150
acagtaccag tagttatttt cccaatccgg agttctgtaa ctcacttgg 200
gtgtgcataa aaagatttca gttggggcg tcatagtctc attacagtgt 250
ctatcttggc atttaccaat ttacttgtca tctttgtccc aactattagg 300
gatatctttg gttttattgg tgcatttgca gcttctatgt tgattttat 350
tcttccttct gccttctata tcaagtttgtt gaagaaagaa cctatgaaat 400
ctgtacaaaaa gattggggct ttgttcttcc tgttaagtgg tgtactgg 450
atgaccggaa gcatggcattt gattgtttt gattgggtac acaatgc 497

<210> 140

<211> 105

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 11

<223> unknown base

<400> 140

acttcaatgt ntacacatgg ccattgaaaa atacagagtt tacagaatta 50

tttcagagaa gtcattaaag aaacaaacat taacacaccc tgcagagtgg 100

gggag 105

<210> 141
<211> 473
<212> DNA
<213> Homo Sapien

<400> 141
tccccgctgc tgacgcttca tcccccacac ctccagcccc agttacctgg 50
agcttctcag aacccacttt gccggtgcta aaacacaaga gggggtgaaa 100
gtggctgcca gtaatggcca gaaaccaacc accagaggcc aggctgaaag 150
acaagctccg ggtgtccagg ggctgacggg ccaaccatgt ggcaggtccc 200
aggccccacc cactgcgccca tccgcctctg agctccacag tggtcccact 250
aatgggaacc tcctcttaggg agagtgatac tgcaccttca cccgttaggac 300
tcatatttat aacaatgtgt aatggctgta gaaaaaagcc cttgtttcta 350
gatgtaaatg gtcaaagaaa caagcgctct attgtttga ataaaatagt 400
tcaaatgagt cctgtatcat tgtatctcct attctggatt agtgccttt 450
ggacagtaga ctgttctgta aaa 473

<210> 142
<211> 578
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 60, 105, 110
<223> unknown base

<400> 142
tccatgtgaa ttttgcttaa tggaatgctt tatttaagca tttaggcaga 50
gttgacacan ttaaaggtac aaagcccaga ggaattggta gagcagcacc 100
gtgcntgcon tgaggcagtg gagtcagtag cggtgtcccc agggccttga 150
gtgcctggag gtgcttggcc tccagtagct gcctccattc tctttaaaa 200
aaagggggtg attctgaggc actgaagtgc ctcccagatg tggaggagt 250
aagccaccat cgaggccaca ctcagcactc caggtccca gcgatgtcag 300
acactcttga gttgtcaaaa cgttaatttt cagttttaaa taatcagtt 350
atctaagaaa agggaaatttt aactttcta ctttgagcca agccaatgaa 400
gggaaaatta attaacttag taaatttgaa gtgcagctct gttagctcgt 450
acatgtgggt tcttatcctg atcctgtgcc ttaaagttagg aaggtgttcc 500
caagttcaga ttaaaataga agcagctggc cgggtgcggc ggctcacgcc 550
tgtaatccca gcactttggg aggcccag 578

<210> 143
<211> 1000

<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 64
<223> unknown base

<400> 143
caagagtctc gctccagcct ggtgatagag caagactccg tctaaaaaaaa 50
aaaccaggag tganaaaaaat aagagtcatt gaacttcatt tttttaaaaa 100
agaatatcac tttgctgtcc tttcaaataat agcattccc caatttaggt 150
cctgtttatt gagattttat aatgttaggt aatttttaat cagttttaa 200
ttgataccta attaacctcg agctcttgc tcctgcctt ttttcaactc 250
tttactcttg cagcattcct tccttagtacc ttctgtatgt acactacgtt 300
gatagccatg actggatggt atatggacag gacttccatt gctgtgtgg 350
gagtagcagc tggggctatc ttaggctggc cattcagtgc agctcttgg 400
ttaccatttgc ctttgcattt gctggcatg aaacacaggt ggaagagttt 450
ctttcattgg tcgctgatgg ccctcataact atttctggtg cctgtgggg 500
tcattgacag ctactattat gggaaagttg gtgattgcac cactcaacat 550
tgaaaaatgtt aatgtcttta ctcctcatgg acctgatctt tatggtacag 600
aaccctggta tttctattta attaatggat ttctcaattt caatgttagcc 650
tttgctttgg ctctcctagt cctaccactg acttctctta tggaaataacct 700
gctgcagaga tttcatgttc agaatttagg ccaccgtat tggcttacct 750
tggctccaat gtatatttgg tttataattt tcttcatcca gcctcacaaa 800
gatgagagat ttctttccc tgtgtatcca cttatatgtc tctgtggcgc 850
tgtggctctc tctgcacttc agaaatgtta ccactttgtg tttcaacgtat 900
atcgccctgga gcactataact gtgacatcga attggctggc attaggaact 950
gtcttcctgt ttgggatctt gtcattttct cgctctgtgg cactgtttag 1000

<210> 144
<211> 612
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 49, 66, 73, 81, 91, 217, 318, 447
<223> unknown base

<400> 144
aattggtagt ccctgttctt ttcatggttt tctggctcgt cttatattgt 50
cttcagattt actccntatt tcnagtactt ngagatcagc ntgcataacg 100

tgagaggttt ctttccttt ttctgacaag tattgcggaa tgttgcagca 150
actccttact ctctttggg tttggcttc acggtttctt ttgttgcctt 200
gggtgttctc aacactntgc aagtttact tgcagggta tcgagcttc 250
atgaatgatc ctgccatgaa tcggggcatg acagaaggag taacgctgtt 300
aatcctggca gtgcagantg ggctgataga actgcaggtt gttcatcg 350
cattcttgct cagtattatc ctttcatttgc tcgttagcttc tattcacag 400
tctatgttag aaattgcaga tcctattgtt ttggcactgg gagcatntag 450
agacaagagc ttgtggaaac acttccgtgc tgtaagcctt tttttat 500
tattggtatt ccctgcttat atggcttata tgatttgcca gttttccac 550
atggattttt ggcttcttat cattatttcc agcagcatc ttacctct 600
tcaggttctg gg 612

<210> 145
<211> 439
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 116, 156, 247, 252, 277, 279, 292, 301, 314, 338, 356
<223> unknown base

<400> 145
aaaaaaaaaaa accaaaaacca aaaaccagaa cgcttgttca agtttgcct 50
gtcctgtcca tggataggcc agaccttgg tccagaaatt cagttttca 100
ttgtgtctga catagngact ccataatgtt gttccattc tctttcttc 150
ctcaanatca tgtgtttgt gggctttgt tttgtttgt tttgtttgt 200
tttgtttgt ttttgtttaga gttggagtct tgctgtgttgc cccaaagtga 250
tnccaaattc ctgaccaa acaggtntnt cacctggcc tnccaaagtgc 300
ntggaaattc aggngtgaac cacctcaccc agccaaagntc acattttgaa 350
tctaantttt ttttgtttaga agtgtcttgc attgttgccc aggctggaaat 400
gcagtgggtgc catcatggct cactgcagcc tcaacttcc 439

<210> 146
<211> 479
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 142
<223> unknown base

<400> 146
ggcagtctcc tagctgctct tacacactgc atagctgtgt gtgagtgactc 50

tttcatcca tcagtcagcc agggttgca ggacagatcc ggcaagtgg 100
gccctgtatg aggaatgctg caacggatct ggactgaacc cntaaaaat 150
aaagtgattg ctcagtcctc tttggatttc tgcgcgacat atgaaaccat 200
accatggcat ggctggaacc caacccggta caaaaataa aggaaatgac 250
cctgcaggac ctgcagcccc aaaacgatgc ggcttcctcg gacgacacag 300
ccccggaca ttatgctgaa gaagacaact caggaagctg agcaaattct 350
gctccagaca caaacaccat tcactccaga taatctgttc cttgctatgc 400
cctccgttgt acattgcaac actcacaggg tattggttt tcttattctc 450
tcactctgcc tgcaactcgt acctgctac 479

<210> 147

<211> 276

<212> DNA

<213> Homo Sapien

<400> 147

ttttttttt gtgttgtcta taggaattaa cttgggattg ttttgtgggt 50
ttttgtttgt tttaaatgta aattgagaat ctttataag aaataaaaagc 100
attattgggt gcctttgttt gtaaaccaaa aagtaataaa tgaatcccta 150
tatccatt atagtattta ttgtattttt atgttctgaa aattacccat 200
ggaacaatat gcttaggatt acaggaagca gtccttactt acacttctg 250
tctgttttag gtgtacttgt taattc 276

<210> 148

<211> 451

<212> DNA

<213> Homo Sapien

<400> 148

gttgtatact aatcaaccat tctgcaacct gctttctga ttaatctag 50
aacaacctca ttcttggtta tagtacacct cacaccacta tattggctt 100
gtataataac ttcccaactg gctttgtct cagccatggg cagttttttt 150
tctgaccatc catctggcct cagttcccc tggagtcttc ctttctccag 200
cagtccttct ctgtctttgt atatctccag gcttagcaa tacgctact 250
ctattttct tttttgatt tcactttta aattaaagta ttgtaaaact 300
ggcttttgg tgcacagtt tgagaattc agtacatgaa cacatttg 350
ttcccaccac cacaatcaag acagaggcc gtttattgt ccccaaagct 400
ccacatgcta tccttcagg tctacttct ttactgtt ttgtatca 450

c 451

<210> 149

<211> 268

<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 167, 213
<223> unknown base

<400> 149
agaataattt tttaaacaca aattcaccat gtttctctac taacttgaa 50
tgcttaatgt gttcccattg tacctagaat aaatccaaac ttactttcca 100
gggtctgctc tccaaagctgt acatgacctg gcccatagcc acctttctaa 150
actcgtcaca tccattntcc tcattgctca tggtgctgtg gacagtctgg 200
ttcctttctg ttnttctcca ctaccaagct cattcacact gcccctttc 250
caaggccctt ccctacac 268

<210> 150
<211> 749
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 72, 99, 114, 127, 132, 222, 373
<223> unknown base

<400> 150
gtaggttagg gtccttaaag gaacttactt tggatttatt ggcaaaatta 50
ttgtggcac cttaccattt gngaaattat tttagaggc ttgtaaaant 100
ttaaagtttta gatnttattt gccttgntaa ntatttaac ttatggaaa 150
gtatttactg cttctgatca ggatttttg tttgctgtca aagtaaaagt 200
cactaccagt gtcactattt gntatggaag ccacaaacct tgtagtcatt 250
tcttaattat ttctttctt ttatttcc attccacat tcccttctca 300
tcccctttta attcatttagc aagtatgctg ccagttctgc ttagtcgtc 350
tctctccctc cactggtaaa ccntagccca aaccatctc atctcttatac 400
tgtactaacg caagagcccc ttaactggta tccctccttc catttcttga 450
tctactaaaa tccatacgcc acatagtggc tagaataatt tttaaacac 500
aaattcacca tgtttctcta ctaacttggaa atgcttaatg tgttccatt 550
gtacctagaa taaatccaaa cttactttcc agggtctgt ctccaaagctg 600
tacatgaccc ggcctatagc caccttctca aactcgacat atccattctc 650
ctcattgctc atggtgctgt ggacagtctg gttccttctt gttcttctcc 700
actaccaagc tcattcacac tgccccctt ccaaggccct tccctacac 749

<210> 151
<211> 105

<212> DNA
<213> Homo Sapien

<400> 151
ttttgtcatt ttgaaatttt ttttttttc accagccctg aatttttagtt 50
catccatgga taaactatta cttttcttat ttttctttaa ctatacaatt 100
aagac 105

<210> 152
<211> 631
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 17, 77, 95, 135, 166, 178
<223> unknown base

<400> 152
tccttggAAC atttttntAG ggatatttCC atttgacttt attagattAA 50
tgAAattggg aaacctggAC gtatatntAA actatacttt ttgantatGA 100
gcataacCtt ttatTTcCTG tattttAGAA aaagngacCA tgTTgtgatG 150
gcaatcattG tgcttnTGca tacccagntG aatgtctgtG gaaactcagt 200
tattctttA aatagttatt atcagagata taatttattA caaagtagtt 250
tttttgttG taggtAAact attatagatt ttgctgttct cccaactgtt 300
ttcttgggt atatTTgaa aatataaacc ttaaatgttA gaacaaagaa 350
aacaaaaagca aaacccgaaa accttaactg tgcttgtaaa catttaaaat 400
atttttgttA gtttctctca attgagtaag agaacctggc tttcccacag 450
caatgatCCA ggctttggta ataccccccT ttatgtctct gtacttctgc 500
cattctaaAG ttgatttatt gtttgttact tttagtgatt ttaagtgtc 550
aatgaagtTC cttggcttC tcattggcttt tcatttccaa ctaaattacc 600
tagcctttct tttaatgtct tccaccctta C 631

<210> 153
<211> 522
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 44, 57, 65, 173, 183
<223> unknown base

<400> 153
tatttaaAGC aatcttagtg gtataccccG cccctttGCC ttanttaAGA 50
ggagcancGA aatgnatata cttgctgttc agtatttcca agtacccatt 100
tttatatagt agcttatttg accataagtc acacatcaa aaaagattac 150

cccttagtgt atgtgttta atnttagaaa atntggcata tgtactttat 200
tttgaaaag ggaagagatg ggtgtgggt ggcaatagca ttgtgccatt 250
ttgtcataga atgtaaaaat tggtaactt tacaaatgtc agctagttt 300
gactactaat tggggaaat ttagataat tttaaattc aaagttattt 350
ataaaatgct agaatttgtt ttaattttt tgtatttga gccacttcac 400
atgaagactc agttgcattt ttatcgaata cattttatc aacagtaaa 450
gactatggtg gttttttca gagttggct aagaatgttgc ttaccatctt 500
ctttgttgtt ggtacaatat tt 522

<210> 154
<211> 632
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 36, 65, 94, 147, 152-153, 156, 179, 222
<223> unknown base

<400> 154
aatctattta aacttatgg aaagtattta actggnttct ggatcaggat 50
ttttttgtt tgctntcaaa gtaaaagtca cttaccagtg tcantatttgc 100
gttatggaag ccaacaaacc ttgttagtcat ttcttaatta ttttcnttc 150
tnntantttt ccattccac attccctnt catccccttt taattcatta 200
gcaagtatgc tgccagttct gnttagtccg tctctatccc tccactggta 250
aacccatgcc caaaccatct tcattttctt atctgtacta acgcaagagc 300
cccttaactg gtatccctcc ttccatttct tgatctacta aaatccatac 350
gccacatagt ggctagaata atttttaaa cacaaattca ccatgttct 400
ctactaactt ggaatgctta atgtgtccc attgtaccta gaataaatcc 450
aaacttactt tccagggtct gctctccaag ctgtacatga cctggccat 500
agccaccttt ctaaactcgat cacatccatt ctcctcatttgc ctcatggtgc 550
tgtggacagt ctggttcattt tctgttcttc tccactacca agctcattca 600
caactgcccctt tttccaaaggc cttccctac ac 632

<210> 155
<211> 558
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 27, 61, 91, 96, 108, 120, 157, 393, 478
<223> unknown base

<400> 155

tttttatca ttttgaactt tatgganaaa ttgggcagcc aaaacgcttc 50
ccggggaagg ngccagcgaa gaatgcattc taacgttagt naaggntgcc 100
aaggaggntg tgcaacatgn tcagattaca atggatgttt gtcattgttaag 150
cccagantat ttttgttc tggaaagaat tggcatgaag cagattggag 200
tatgtctctc ttcattgtcca agtggatatt atggaactcg atatccagat 250
ataaataagt gtacaaaatg caaagctgac tgtgataacct gtttcaacaa 300
aaatttctgc acaaaatgta aaagtggatt ttacttacac cttggaaagt 350
gccttgacaa ttgcccagaa gggttggaaag ccaacaacca tantatggag 400
tgtgtcagta ttgtgcactg tgaggtcagt gaatggaatc cttggagtc 450
atgcacqaag aaggaaaaaa catgtggntt caaaagaggg actgaaacac 500
ggtccgaga aataatacag catccttcag caaaggtaa cctatgtccc 550
ccaacaaa 558

<210> 156
<211> 695
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 4, 6, 29, 42, 55, 57, 70, 92, 115, 118-119, 585
<223> unknown base

<400> 156
atcnangtgg atgcagtctt cattgacana agtaacctgg anatcactcc 50
ggacnanccc cgctggatcn gagcctggtg gggtggctt cngctctgag 100
gtgccttaca cttnctcnnt tccctttga tttttgggtt tccacagtcc 150
ctgccccgc actcagaccc cgccatggaa agcgagcagg ccatgctctc 200
cgaaagagaa tacgagagac ccaagcccag caacgggtc ctgaggcacc 250
ccctggagcc agacagcagt gcctcctgtt tccagcagct gagagtgtac 300
ccgaaggta ccaagcacct gctctcaaac cctgtgttca cctgcacatcat 350
cctggccgccc tgcatggaga ttgcagtggt ggctggcttc gctgccttt 400
tggggaaagta cctggagcag cagtttaacc tcaccaccc ttctgccaac 450
cagctgcttg ggatgactgc gatcccggt gttgtctgg gatcttcct 500
gggaggtctt ttggtaaga agtcagact gtctgcctg gggccattc 550
ggatggccat gtcgtcaac ctgggttcca ctgcgtgtca cgttccttc 600
ctcttcctgg gtcgcacac tggccctgtg gtcgggtta ctgttcctta 650
tggaaacagc acagcacctg gtcagccct ggaccctac tcggcc 695

<210> 157

<211> 574
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 53, 66, 73, 85, 90, 124, 216, 429, 444, 474
<223> unknown base

<400> 157
tggaaagcca ttaaaggaat ttaaagttat tttacctgca gacctgaaaa 50
atntatagaa ctgttnacat atntttgtat atctnttcan tagtgact 100
tttcatggc taaacagtac atngagtga aattctgaag aaacattta 150
aggaaaaaca gtggaaaagt atattaatct ggaatcagtg aagaaaccaa 200
gaccaacacc tcttanticat tattccttta catgcagaat agaggcattt 250
atgcaaattt aactgcaggt ttttcagcat atacacaatg tcttgcata 300
cagaaaaaca tttttggaa atattcctca gtggagagtc gttctcatgc 350
tgacggggag aacgaaagtg acaggggtt cctcataagt ttgttatgaa 400
atatctctac aaacctcaat tagttatant gtacacttcc attntcatca 450
acactgagac tatcctgtct cacntacaaa tgtggaaact ttacattgtt 500
cgattttca gcagactttg ttttattaaa tttctattag tgttaagaat 550
gctaaattta tgttcaatt ttat 574

<210> 158
<211> 779
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 58
<223> unknown base

<400> 158
ctaattttat caaaggccnt ttttccaaa gccatccatc atcccattat 50
taatctgnac ttttgcaca tggctattgt ctgaaatttt atgagttact 100
atcctggat ttccctttat ctttctgtat tagaccttct gtttcttgg 150
acctatgtca tccatcttga tgtactccct tattttgata gtgtataatcc 200
tttagtggct tcctaagaaa aagtgcatacg atagtaaaat tttgagac 250
tgcatagctg atagttttat tctaattctca ctcttgggtt attagttaa 300
cagggttagaa aatttcaggt tgaataccag ttttcttcag tatttgaagg 350
tgttattttta ttgatttcga actttcaaca ttgctgtga aatctgaagt 400
tattctgatt ctgatcttt gtatataagt ctttatgacc tctaaaagtt 450
ttcagaattc tgtttggtaa tggaattctg aaagttgatg atgtaccata 500

gtggaatact tttacattta ttgtactggg tattccaaag gccctttta 550
tccaaaaact catgtcttt agtgctggaa attttcttt tgttattttc 600
atattttct tccccctttt tctctttcg ctttctggaa tgccctgtgg 650
tcaaatgtca gattttctga ctcattctat acaatttagaa agcacaccca 700
agtttcactg tggaactact ccagtgagcc cttagtgtg gtcatctctg 750
ggcagagata ctatagattt actgctaag 779

<210> 159
<211> 358
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 39, 60, 91
<223> unknown base

<400> 159
tcaggatgtt cttaattggg gaagaaaatca tttttccnt aaaaaaaaaacc 50
aagcacttcn tggggccgga ttacactgaa acattgtact naccagagg 100
agagggaaatt accacgaaac ctgagaacat ggaacactgt tactataaag 150
gaaacatcct aaatgaaaag aattctgttg ccagcatcag tacttgtgac 200
gggttgagag gatacttcac acatcatcac caaagatacc agataaaaacc 250
tctgaaaagc acagacgaga aagaacatgc cgtcttaca tctaaccagg 300
aggaacaaga cccagctaac cacacatgtg gtgtgaagag cactgacggg 350
aaacaagg 358

<210> 160
<211> 362
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 55
<223> unknown base

<400> 160
atgctgcgtg ggatctccca gntacctgca gtggccacca tgtcttgggt 50
cctgntgcct gtactttggc tcattgtca aactcaagca atagccataa 100
agcaaacacc tgaattaacg ctccatgaaa tagttgtcc taaaaaaactt 150
cacattttac acaaaagaga gatcaagaac aaccagacag aaaagcatgg 200
caaagaggaa aggtatgaac ctgaagttca atatcagatg atcttaaatg 250
gagaagaaaat cattctctcc ctacaaaaaaaa ccaagcacct cctggggcca 300
gactacactg aaacattgta ctcacccaga ggagaggaaa ttaccacgaa 350

acctgagaac at 362

<210> 161
<211> 479
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 160
<223> unknown base

<400> 161
gtttggctta acaggatctc ctcttgcagt ctgcagccca ggacgctgat 50
tccagcagcg ccttaccgcg cagcccgaag attcactatg gtgaaaatcg 100
ccttcaatac ccctaccgcg gtgcaaaagg aggaggcgcg gcaagacgtg 150
gaggccctcn tgagccgcac ggtcagaact cagatactga ccggcaagga 200
gctccgagtt gccacccagg aaaaaaaggg ctcccttggg agatgtatgc 250
ttactcttta aggcctttca ttcattttgg caggacttat ttttgttgg 300
gcctgcattt acaagtactt catgcccaag agcaccattt accgtggaga 350
gatgtgcttt tttgattctg aggatcctgc aaattccctt cgtggaggag 400
agcctaactt cctgcctgtg actgaggagg ctgacattcg tgaggatgac 450
aacattgcaa tcattgatgc gcctgtccc 479

<210> 162
<211> 307
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 65, 204
<223> unknown base

<400> 162
tgtcacaggt gggaaagaaa cggactgtgg gccctcttgg ggattagcgg 50
cggcataacc attgntggtg gccacagccc tgctggtggc tttactattt 100
actttgattc accgaagaag aagcagcatt gaggccatgg aggaaagtga 150
cagaccatgt gaaatttcag aaattgatga caatcccaag atatctgaga 200
atcnttaggag atcaccacaca catgagaaga atacgatggg agcacaagag 250
gcccacatat atgtgaagac tgttagcagga agcgaggaac ctgtgcattga 300
ccgttac 307

<210> 163
<211> 502
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 188
<223> unknown base

<400> 163
tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tataggctt 50
aaaatgtata tgtcttgcca tactgaaccc atgttgaagc catatttcca 100
caggtaata gctggcagaa ctgagttaaag ggttgcccct ttttagatgag 150
gcatacgctc tcccatcctc cacagttcac actatgcntg cttatctctt 200
actgatatta gatatttagta atagtcacat ttatgcattg tctttattta 250
aaaaaatagt tctctttttt atgacagtag caatagttag aatatgaaag 300
agagaagagg atttatcctt gccctactca attccttgat atcatctgcc 350
tggtaatgag gtgttggagc tggctaatac tgacttatga gagcatattg 400
ttaaatattc aggaatttta ccagcagcaa ccaccattgg tagattggaa 450
tcagccacag tgggagttt tacaccaggg aaatcaacga acattacaaa 500
tc 502

<210> 164
<211> 238
<212> DNA
<213> Homo Sapien

<400> 164
tttcaaaaaaa aaaaaaagtgc ttcttagtaaa taacacataa cttttgtttt 50
ataacccaat gttacagtcc ctctcttata ggagaacccca atccattcag 100
tttattcagtg atatgcctgt ttttgtgtgt tccatcgac tttgtttcct 150
ttttcgatt ttgttattgt ttccacctt tcaatttct tacatttgtt 200
ggctctctca agcttctgtt tattccctt ctccctcc 238

<210> 165
<211> 702
<212> DNA
<213> Homo Sapien

<400> 165
cccgctgctc gggcaactgtc tatatacgcc taacacccat atatatttt 50
aaaacattaa atataattaa caatcaaaag aaagaggaga aaggaaggaa 100
agcattactg ggttactatg cacttgcgac tgatttcttg gctttttatc 150
attttgaact ttatgaaata catcgccagc caaaacgcct cccggggaaag 200
gccccagcga agaatgcac ctaacgttag tcaaggctgc caaggaggct 250
gtgcaacatg ctcagattac aatggatgtt tgtcatgtaa gcccagacta 300
ttttttgctc tggaaagaat tggcatgaag cagattggag tatgtctctc 350

ttcatgtcca agtggatatt atggaactcg atatccagat ataaataagt 400
gtacaaaatg caaagctgac tgtgataacct gtttcaacaa aaatttctgc 450
acaaaatgta aaagtggatt ttacttacac cttggaaagt gccttgacaa 500
ttgcccgagaa gggttggaag ccaacaacca tactatggag tgtgtcagta 550
ttgtgcactg tgaggtcagt gaatggaatc cttggagtcc atgcacgaaag 600
aaggaaaaaa catgtggctt caaaagaggg actgaaacac gggtccgaga 650
aataatacag catccttcag caaaggtaa cctgtgtccc ccaacaaatg 700
ag 702

<210> 166
<211> 365
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 28, 34, 93, 126, 145, 151, 161, 195
<223> unknown base

<400> 166
ggattacaac ccccgggagc gcgcctnta tacntggaac aacggccacc 50
agggtgctata caatgtcacc ctgtttcacg tcatcagcac ctntggggc 100
ccttttcatt cgtgcctgtg tccccncaag ggtgatctct atgtntatgt 150
nacgccttt ntccccgcct ttttgctggg ctttgttct ctgcntatgt 200
atttctgtct atttttcaa tttccctct tctcctttat tgatctctgc 250
tttaataaca ccacttctt ctgtgcct ttttatggat gtcttttct 300
tttatggct ctggttctcc agttcttcc gtctctgcct ctctctgtct 350
ctctctctct gtcct 365

<210> 167
<211> 452
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 26
<223> unknown base

<400> 167
tcagcaaaac gtggattnaa atctcnntgc acaagcttga gagcaacaca 50
atttatcagg aaagaaaagaa agaaaaaaaaac cgaacctgac aaaaaagaag 100
aaaaagaaga agaaaaaaaaa tcatgaaaac catccagcca aaaatgcaca 150
attctatctc ttgggcaatc ttcacggggc tggctgctct gtgtctcttc 200
caaggagtgc ccgtgcgcag cggagatgcc accttccccca aagctatgga 250

caacgtgacg gtccggcagg gggagagcgc caccctcagg tgcactattg 300
acaaccgggt caccgggtg gcctggctaa accgcagcac catcctctat 350
gctgggaatg acaagtggtg cctggatcct cgcggtgcc ttctgagcaa 400
cacccaaacg cagtagcata tcgagatcca gaacgtggat gtgtatgacg 450
ag 452

<210> 168
<211> 443
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 24, 110-111, 122, 134, 275
<223> unknown base

<400> 168
ggagtggctt cccctactgc gtgnnttgac gcccattcccg gtgctcacgt 50
ggttttcccc ccatcatcg ccacatgggc atctgcacat ccacaggagt 100
cattcggan ntcgcgggcc cntactttgt ctcngaggac aacatggcct 150
ttggaaagcc tgccaaagtac tggaagttgg accctgctca ggtcttatgct 200
agcggggccca acgcatggga cacggctgtg cacgacgcct ctgaggagta 250
caagcaccgc atgcacaatc tctgntgtga caactgccac tcgcacgtgg 300
cattggccct gaatctgatg cgctacaaca acagcaccaa ctggaatatg 350
gtgacgctct gtttcttctg cctgctctac gggaaagtacg tcagcgttgg 400
ggccttcgtg aagacctggc tgcccttcatt ctttccttg ggc 443

<210> 169
<211> 319
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 54, 163, 203
<223> unknown base

<400> 169
tgggagatgt atgcttactc tccttagcct ttcatttcatt ttggcaggac 50
ttantgttgg tggagcctgc atttacaagt acttcattgcc caagagcacc 100
atttaccgtg gagagatgtg ctttttgat tctgaggatc ctgcaaattc 150
ccttcgtgga ggngagccta acttcctgcc tgtgactgag gaggctgaca 200
ttngtgagga tgacaacatt gcaatcatttgc atgtgcctgt ccccaattc 250
tctgatagtg accctgcagc aattattcat gactttgaaa aggaaatgac 300
tgcttacctg gacttccag 319

<210> 170
<211> 383
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 87, 117, 120, 124
<223> unknown base

<400> 170
ggaagcaaag gaggaagatc taccacagaa gggtgaggaa aagttcaacc 50
tcacacaagc acagatcaaa cagacagctt ggaattnagc aaacaacagt 100
ttttcacacca gtagcangan ttcntattgt taactttgat tatagcatgg 150
aggaaaaagtt tgaatccctt tcaagtttc ctggagtaga atcaagttat 200
aatgtgttac cagggaaagaa gggacactgt ttggtaaagg gcataaccat 250
gtacaacaaa gctgtgtggc cgccctgagcc ctgcactacc tgcctctgct 300
cagatggaag agttctttgt gatgaaacca tgtgccatcc ccagaggtgc 350
ccccaaacag ttataacctga agggaaatgc tgc 383

<210> 171
<211> 636
<212> DNA
<213> Homo Sapien

<400> 171
actacattgc ctggaggaag cctaaggaac ccaggcatcc agctgcccac 50
gcctgagtcc aagattcttc ccaggaacac aaacgttaga gacccacgct 100
cctggaagca ccagcctta tctcttcacc ttcaagtccc ctttctcaag 150
aatcctctgt tctttgccct ctaaagtctt ggtacatcta ggacccaggc 200
atcttgcttt ccagccacaa agagacagat gaagatgcag aaaggaaatg 250
ttctccttat gtttggtcta ctattgcatt tagaagctgc aacaaattcc 300
aatgagacta gcacacctgc caacactgga tccagtgta tctccagtgg 350
agccagcaca gccaccaact ctgggtccag tgtgacctcc agtggggtca 400
gcacagccac catctcaggg tccagcgtga cctccaatgg ggtcagcata 450
gtcaccaact ctgagttcca tacaacatcc agtgggatca gcacagccac 500
caactctgag ttcagcacag cgtccagtggt gatcagcata gccaccaact 550
ctgagttccag cacaacctcc agtggggcca gcacagccac caactctgag 600
tccagcacac cctccagtgg ggccagcaca gccacc 636

<210> 172
<211> 480
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 21, 99, 162
<223> unknown base

<400> 172
tacattgcct tggaggaagg ntaaggaacc caggcatccc agctgccac 50
gcctgagtcc aagattcttc ccaggaacac aaacgttagga gacccacgnt 100
cttggaaagca ccagcctta tcttttcacc ttcaagtccc ctttctcaag 150
aatcctctgt tntttgcctt ctaaagtctt ggtacatcta ggacctcaggc 200
atcttgcttt ccagccacaa agagacagat gaagatgcag aaaggaaatg 250
ttctccttat gtttggtcta ctattgcatt tagaagctgc aacaaattcc 300
aatgagacta gcacactctgc caacactgga tccagtgta tctccagtgg 350
agccagcaca gccaccaact ctgggtccag tgtgacctcc agtggggtca 400
gcacagccac catctcaggg tccagcgtga cctccaatgg ggtcagcata 450
gtcaccaact ctgagttcca tacaacctcc 480

<210> 173
<211> 390
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 9, 43, 51, 54, 120
<223> unknown base

<400> 173
gacaaaggnt catttgtaaa gaagctcctt ccagcacctc ctntcttctc 50
nttnntgcccc aactcaccca gtgagtgtga gcattttaaag aagcatcctc 100
tgccccaaagac caaaaggaan gaagaaaaag ggccaaaagc caaaatgaaa 150
ctgatggtaac ttgtttcac cattgggcta actttgctgc taggagttca 200
agccatgcct gcaaattcgcc tctcttgcta cagaaagata ctaaaagatc 250
acaactgtca caaccttccg gaaggagtag ctgacctgac acagattgat 300
gtcaatgtcc aggttcattt ctggatggg aaggatgtg agatgtctg 350
ttactgcaac ttcagcgaat tgctctgctg cccaaaaaac 390

<210> 174
<211> 451
<212> DNA
<213> Homo Sapien

<400> 174
gtttggtaag actccagact ccagctaaca gtccttatgg aaagatggca 50
tcaaaaaaga tagatctata tatatatata aatatatatt ctattacatt 100
ttcagtgagt aattttggat tttgcaaggt gcattttac tattgttaca 150

ttatgtggaa aacttatgct gatttattta agggggaaaa agtgtcaact 200
ctttgttatt tgaaaacatg tttattttc ttgtctttat tttaaccctt 250
gatagaacca ttgcaatatg ggggcctttt gggAACGGAC tggtatgtaa 300
aagaaaaatcc attatcgagc agcattttat ttacccttcc cctatcccta 350
ggcacttaac caagacaAAA agccacaatg aacatccctt tttcaatgaa 400
ttttataatc tgcagctcta ttccgagccc ttagcaccca ttccgaccga 450

g 451

<210> 175
<211> 692
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 17, 42, 97, 173
<223> unknown base

<400> 175
cgattggat ggattgnttg aacggattgg gttggggaa gnAAAGGGAA 50
aggaggaga aaggaggaa taactggctt ccatttttg agagctttg 100
gttggcaag ggcagAAAac aggcccacag tgctcaaccc cggacaccct 150
cacgaaggtt cgcaaagtca ctncttgtgg cttagatttgc ctcttttagga 200
cctggaggaa cagacccaga atcagggtcc ctcctttac cccctgagtt 250
ccttactgtt ccccccaagcc tgggagcagt ctatccccca accctgccat 300
ctcccttact catccctctt ccacagcttc ccctttctag cccctctgc 350
cctacctgtc tttcctgagt gtttgggggg agagagagac ccacatctcc 400
ccaaagagat gagctttgg ggcacaacat cccaccgcag gccccctcac 450
ccgacaacac ctcctacctg gccccttgcc aaatcccaag cagaatttagc 500
aacaggaaaa gcagagcccc aggagagaca ctctactata tatactcttc 550
tatatattct gtttctatttgc tatatttact ctgtacatgt gggtgtaaat 600
gctgttaaat gacaaaccca atattatact gtggctggtg gactatttc 650
atcctcagtg ctgtacagat ctatTTcat tgtatatttgc at 692

<210> 176
<211> 358
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 59
<223> unknown base

<400> 176
tggatggcg gccagcgatg accccattga gaaggtcatt gaaggatca 50
accgagggnt gagcaatgca gagagagagg tggcaaggc cctggatggc 100
atcaacagtg gaatcacgca tgccggaagg gaagtggaga aggtttcaa 150
cggaacttagc aacatggga gccacacccgg caaggagttg gacaaaggcg 200
tccaggggct caaccacggc atggacaagg ttgcccata gatcaaccat 250
ggtattggac aagcaggaaa ggaagcagag aagcttggcc atggggtaa 300
caacgctgct ggacagggca accatcaaag cgatccat 350
gaggggcc 358

<210> 177
<211> 450
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 49, 58, 74, 283
<223> unknown base

<400> 177
gaccttcca gcaatatgca tcttgacgt ctggtaggt cctgctccnt 50
ccttcgtnta ctggggccc tgtntggatg ggcggccagc gatgacccca 100
ttgagaaggt cattgaaggg atcaaccgag ggctgagcaa tgcagagaga 150
gaggtggca aggccctgga tggcatcaac agtggatca cgcatgccgg 200
aaggaaagtg gagaaggaaa tcaacggact tagcaacatg gggagccaca 250
ccggcaagga gttggacaaa ggcgtccagg ggntcaacca cggcatggac 300
aagggtgccc atgagatcaa ccatggatt ggacaagcag gaaaggaagc 350
agagaagctt ggccatgggg tcaacaacgc tgctggacag gttggaaagg 400
aggcagacaa actgatccat catgggtcc atcacgggc caaccaggcg 450

<210> 178
<211> 489
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 8, 64, 66, 68, 149, 302, 461
<223> unknown base

<400> 178
attgaatnac agttttctg gttttttgt ggagttttg ttttggttt 50
tgagatggag ttngntntt gttccccagg ctggagtgtg gtgggtgcgt 100
ttcggattac cgcaacttct gcttccggg ttcaggcagt ttccctgcnt 150
cggcttcctg agtggctggc attacggca tgcaccgtcg cgccccactg 200

gttttgtatt ttttagtag agacggggtt tttccgtgtt ggtcaggctg 250
gtctcgact cccgaccta ggtgatccgc cgccctcggc ctcccaaggt 300
tntgggattg caggtgtgag ccaccgtgcc cggctgttt ttgtgggtt 350
tttgtttgtt tgtttgttt tgagacagag tcttgctctg tcactcaggc 400
tggagtgcag tggcacagtc tcggctcact gcaacctctg cctcctgagt 450
tcaagccatt ntccctgcctc ggccccctca gtagctggg 489

<210> 179
<211> 495
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 78, 212, 234, 487
<223> unknown base

<400> 179
ggcgagaag taggggaggg cgtgttccgc cgccgtggcg gttgctatcg 50
tttgcagaa cctactcagg cagccagntg agaagagttg agggaaagtg 100
ctgctgctgg gtctgcagac gcgatggata acgtgcagcc gaaaataaaa 150
catcgcccct tctgcttcag tgtgaaaggc cacgtgaaga tgctgcggct 200
ggcactaact gngacatcta tgacctttt tatnatcgca caagccccctg 250
aaccatatat tgttatcact ggatttgaag tcaccgttat cttattttc 300
atactttat atgtactcag acttgatcga ttaatgaagt gtttatttg 350
gccttgctt gatattatca actcactggt aacaacagta ttcatgctca 400
tcgtatctgt gttggcactg ataccagaaa ccacaacatt gacagttgg 450
ggaggggtgt ttgcacttgt gacagcagta tgctgtnttg ccgac 495

<210> 180
<211> 552
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 12, 25, 65, 130, 437, 537
<223> unknown base

<400> 180
ggagggtgt gnccgtttt tttnttggc taaaatcggg ggagtgagggc 50
ggcccgccgc ggcgngacac cgggttccgg gaaccattgc acgacggggt 100
ggactgacct gaaaaaatg tttggattt tagaggcgtt gagatgctca 150
gaatgcattt actgggggaa aaagcgcaat actattgctt ccattgctgc 200
tggtgtacta tttttacag gctgggtttt tatcatagat gcagctgtta 250

tttatccac catgaaagat ttcaaccact cataccatgc ctgtggtgtt 300
atagcaacca tagccttcct aatgattaat gcagtatcga atggacaagt 350
ccgaggtgat agttacagtg aagggtgtct gggtaaaaca ggtgctcgca 400
tttggcttt cgttggttc atgttggcct ttggatntct gattgcatct 450
atgtggattc ttttgagg ttatgttgct aaagaaaaag acatagtata 500
ccctggattt gctgtatccc tccagaatgc cttcatnttt tttggaggc 550
tg 552

<210> 181
<211> 690
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 18, 87, 89, 97, 127, 148, 170, 221, 232, 357, 426, 478, 561
<223> unknown base

<400> 181
ttcttttag agattccntt ggaccttgac ccaaggttc cgacaggttt 50
tttttgaat tttggAACAG acctttatat tttgggnCNA gaagtngcc 100
cagaaAGCAG caggggttt gcctggntgt agagccagt tcattggntg 150
tccctgggtt tgTTTccttn ttccgagtag ttgtgcctt tttcagatca 200
ggttaccaca atgctccccg ntgtgacgtt tnatccccca cactccagc 250
cccagttacc tggagttttt cagaACCCAC tttGCCGtg taaaacaca 300
agaggggtg aaagtggctg ccagtaatgg ccagaaACCA accaccagag 350
gccaggnGta aagacaagtt ccgggtgtcc aggggctgac gggccaacca 400
tgtggcaggt cccaggcccc acccantgCG ccatccgctt ctgagctcca 450
cagtggccc actaatggga acctcctnta gggagagtga tactgcacct 500
tcacccgtag gactcatatt tataacaatg tgtaatggct gtagcaaaaa 550
gcccttGttt ntagatgtaa atggtaaaAG aaacaAGCgt tttattgttt 600
tgaataaaat agttcaaATG agtcctgtat cattgtatct cctattctgg 650
attagtgcct tttggacagt agactgttct gtaattaaaa 690

<210> 182
<211> 468
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 59, 95, 149, 331, 364, 438, 446
<223> unknown base

<400> 182
aatttcacc gctgttagaa tccagatgca ggccaagtac agcagcacga 50
gggacatgnt ggatgatgat gggacaccac catgaggctg cattntcaag 100
ctttgccac aattcggcat ccagagcccc ggcgcacaga gcacagggnt 150
ccttttcaa cgtggcgacc agtggccctg accctgctga ctttgtgctt 200
ggtgctgctg atagggctgg cagccctggg gctttgttt tttcagtact 250
accagctctc caatactggt caagacacca tttctcaaata ggaagaaaga 300
ttaggaaata cgtcccaaga gttgcaattt nttcaagtcc agaatataaa 350
gcttgcagga agtntrgcagc atgtggctga aaaactctgt cgtgagctgt 400
ataacaaagc tggaggaact ttgaaggagg gcaaagtnic ctcatntact 450
atacacacac cacttccc 468

<210> 183
<211> 227
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 21, 50, 84, 90, 111, 131, 154, 174-175, 189, 201
<223> unknown base

<400> 183
tcacagcatg agagagatcc ntggtatagc tgggaccagc cgggcctgan 50
gttgaactgg ggtgaaccga tgcactggca cctngacatn tacaacagga 100
accgtgtgga nacatcccc acacctgttt nttggcatgt catgtgtatg 150
cagntcttcg gtttcctggc tttnntgata ttcatgtgnt ggggtggggga 200
ngtgtaccct gtctaccagc ctgtggg 227

<210> 184
<211> 474
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 33, 105, 126, 184, 199, 206, 218, 236
<223> unknown base

<400> 184
gaaagaagga aataaacaca ggcaccaaac cantatccta agttgactgt 50
cctttaata tgtcaagatc cagactttc agtgcaccc cagcgatctc 100
aacgntaggg atcttgtgtt tgccgnatt ccagttggtg ctctcgacc 150
taccatgcga agaagatgaa atgtgtgtaa attntaatga ccaacacnt 200
aatggntggt atatctgnat cctcctgctg ctggtnntgg tggcagctct 250
tctctgtgga gctgtggtcc tctgcctcca gtgctggctg aggagacccc 300

gaattgattc tcacaggcgc accatggcag ttttgctgt tggagacttg 350
gactctattt atggacaga agcagctgtg agtccaactg ttgaaattca 400
ccttc当地 act caaacccctg acctatatcc tggctctgt ccatgtttg 450
gccctttagg ctcccctcct ccct 474

<210> 185
<211> 340
<212> DNA
<213> Homo Sapien

<400> 185
ccgaaacgcg gtctttctct agacgcgtct tgctggaga gtgtccgttg 50
cttcccggtcc gtgtcgccgc cctgcgggttg gcggccctcct cgtggagcgg 100
agcaaggctg agatctgtat ctgtggacct gaatgttgat ccctcgcttc 150
agattgacat acctgatgcg ctcagtgaga gagacaaaagt caaatttaca 200
gtgcacacaa agaccacact gcccacgttt cagagcccag agttttctgt 250
tacaaggcaa catgaagact ttgtgtggct acatgacact cttattgaaa 300
caacagacta tgctggctt attattccac ctgcttttg 340

<210> 186
<211> 411
<212> DNA
<213> Homo Sapien

<400> 186
ggctggagca aatgctccac agctgccgaa tccagaagtc agatttcagc 50
aacaactgga acagctcaac gcaatgggt tcttaaaccg tgaagcaaac 100
ttgcaggccc taatagcaac aggaggcgac atcaatgcag ccattgaaag 150
gctgctgggc tcccagccat cgtaatcaca tttctgtacc tggaaaaaaaa 200
tgtatcttat ttttataat ggctcttaaa tctttaaaca cacacacaaa 250
atcgttcttt actttcattt tgattcttt aaatctgtct agttgttaagt 300
ctaataatgat gcattttaag atggagtccc tccctctac ttccctcact 350
ccctttctcc tttgcttatt ttccctcacct tcccttcctc ttgtctcccc 400
actccccctcc c 411

<210> 187
<211> 277
<212> DNA
<213> Homo Sapien

<400> 187
cttagcataa acctacaggg ccctgtgtga tcggactcct gcccaactga 50
catgttagtt acttgccct cgttgcttcg tgcttacct tccagaatca 100
ttaaactgct gatgtttccc aaaaataact atgtacactgg gtcagctcat 150

gctggcatgg agttctcgtc catcaccatg cccaccctgg cttcttgag 200
cgccccgtata atatatatct ctaccatcat acttcatata ttttgtata 250
attgctggtt ttatttgct ctgtgg 277

<210> 188
<211> 294
<212> DNA
<213> Homo Sapien

<400> 188
aaaaatcctg gtttttttg ggttttttt ttgctgtgcc ctagaccatt 50
acataactga agactcccac cttcaggcag gtttgggtag tacacgttg 100
taactacctg gcattgcctt ttgttgaagt aattttagtt tttatttagta 150
gtagtagtag tatactttgg gttctacagt atatgttcac aatgtgcagg 200
tttgttacat atgtatacat gtgccatgtt tgttgctgc acccattaac 250
tggtcattta cattgggtat ttctcctaact atatcccccc ccgc 294

<210> 189
<211> 385
<212> DNA
<213> Homo Sapien

<400> 189
gtaacatttg ggagtgacaa gactgttcat cagcttgggg cctggcagca 50
acttttctag agttagctt tttctccctt cttgttccat gactaaaaaa 100
taataacttg ttgggcatgg tgcctcattc ttgtaatccc agcactttgg 150
gaggctgagg cacttgtggc caggagttca agactagcct gggcaacgta 200
gtagatgccc tccccgccac catctctaca aaagaaaaaaaa agttaactct 250
tgatttgctt tctagtagtg ggtgaatttg gagttccaat gattgtcaac 300
ccattaattc ttcatttact gaacatctcc ttatgttca gatgctgcaa 350
agatgtacaa gactttgttt cctaccctcc ttttt 385

<210> 190
<211> 134
<212> DNA
<213> Homo Sapien

<400> 190
tgcaatctgc cttgtgtgct gttgtaaaca agtttagtgg caaccagtgt 50
ttaaaagtgtc tgtttaaaaa gctctaatta tggttagtatt tccatttcct 100
tttacaacac cctttatattt gttcctccag gtcc 134

<210> 191
<211> 245
<212> DNA
<213> Homo Sapien

<400> 191
ttttaaaaaaa aaaaaaaaaac aaagaaattc tatgttaact caataccaac 50
atcttcaga actagagtac aatatcacag ccaggatgtt gacccata 100
cgagccatca gtcttattcg ggtttccca aatttacttt gtgtgtgt 150
gtgtctgtgt gtagtttagt ctatgctgt ttatgacgtg cagttcatg 200
tatctccac cacagccaac acacagaaca gttccatctc ccctc 245

<210> 192
<211> 323
<212> DNA
<213> Homo Sapien

<400> 192
ggtttcgcca tggcccaa gctgttctt aactcccggtt ctcaggat 50
ccgcctccct cggcccccga gagtgctggg attacaggca cggaccacca 100
tgcccagcct ccacatctt tttgcactg tgtatactt tctgagacat 150
gccaaacttcc tccaggtcaa gaaagggta tatagtctc agtttactc 200
tttcagggtt gatgtcgct ttgcctttc tcacttactt gacctgtcta 250
ttcctacaac tgtcttttca tagagaagcc tcaatgtca ggattgacag 300
gccacactct cccccacccct tct 323

<210> 193
<211> 481
<212> DNA
<213> Homo Sapien

<400> 193
cagcatgagc tccctgtgtg tgcaaggcag ctctatgcgg ttctcggtgt 50
ctcctaggaa gcaacttca gtaccctcct gtgtttagtc cgattttcta 100
aaagctgagc gggcatctag ggacctttct gtcactcagc cgactgtgt 150
gctgtggcca gctctgggtc tgcctccccc agaacttagat gcccatgggg 200
agtccatcag caccaatctc ctgtgatcgt ttatacaaca gaatctccac 250
tcaagtaaaa gtggggcctc ctcctatctt gctgtttgtg tgtgtgttgg 300
cagacccag cgtggctgga acagatgatt gcacatacca cgtggcggga 350
cctttttat aaactggctg aagcccatcc agactgtttg atgctgaact 400
tcaccgttaa ggttaggaaga gttcttagt taaggagaaa agtgtttatg 450
aatgtttatt tttgggttggt ggtctgtttg g 481

<210> 194
<211> 184
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 128
<223> unknown base

<400> 194
atagctctca gtttcactct ttcagggctg atgtcgccctt tgccctttct 50
cacttcactg acctgtctat tcctacaact gtctctttct agagaaggct 100
caatgatcag gattgacagg ccacactntc ccccaccatt tttttctcct 150
ccttcaagcc tcttgctgt ttcaccctct agtg 184

<210> 195
<211> 225
<212> DNA
<213> Homo Sapien

<400> 195
gtttaattat ggtatgcaac cactcatgta ttccgggtcag gaagcattaa 50
atgccagacc atgggtggatt cgtatggga ctgacatttg ttactataaa 100
aatcatttct caagaagttc agttgctgca ggtgggcaaa agggaaaatc 150
ctactataca attacattta ctgtcaattt tccacataaa gatgatgttt 200
gctactttgc ttatcactat ccttt 225

<210> 196
<211> 208
<212> DNA
<213> Homo Sapien

<400> 196
ctgacattca ttgtgatgag ggcagcttc tggtacagga ttctaagctc 50
tatgttttat atacattttc atctgtactt gcacctcact ttacacaaga 100
ggaaaactatg caaagttagc tggatcgctc aaggtcaatt aggttaagttg 150
gcaagtccat gttccact cagctcctca ggtcagcaag tctacttctc 200
tgctatag 208

<210> 197
<211> 403
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 112
<223> unknown base

<400> 197
atcttggccg tatgaaagta taacactaag aaaaaaaattc atttttttca 50
aacgttaacct tccattctt ctccctttc ctctaaacta aaaccttctt 100
tccccatctt tntttcttga accagactaa tctagacaaa gatctcagcc 150
tctgccagac agagtttagag gcagatttag aaaaaatgga gacgcttaat 200
aaagcaccca gtgcaaacgt gccacaggtt tttccttagtt tttctcatgc 250

catcagttcc tttcaagct gtgcttggtt ttcttcttg ttctatggtt 300
tttgatgttag ttgaggtgac ggatggtgat gctggctatt ttaggctgca 350
tggcttctg actactgttt tagactcctt cccccacacc tacccagtta 400
gta 403

<210> 198
<211> 484
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 62, 150, 158, 195, 236
<223> unknown base

<400> 198
gttgaacgcc accgagggtc aagtcacaga caagaagctg tgcaagtacc 50
agtgttcct cntgcccaga aacaaatcca ccaaaaaccc atacctctgc 100
caagatttac agaaggggga aacccaactg tggatggcc cctaccagn 150
ttttcatnta attccactat ttcagaacag gaagctggcg ttctntgcaa 200
gccatggat gctggagcct gtgatcgaaa gtctgntgaa gaggcattgc 250
acagatcaaa caaggatgga tcatttctta ttcggaaaag ctctggccat 300
gattccaaac aaccatatac actagttgta ttctttaata agcgagtata 350
taatattcct gtgcgattta ttgaagcaac aaaacaatat gccttggca 400
gaaagaaaaa tggtaagag tactttggaa gtgttgctga aatcatcagg 450
aatcatcaac atagtcctt ggttcttatt gaca 484

<210> 199
<211> 442
<212> DNA
<213> Homo Sapien

<400> 199
ggcggctggg ctgtttggtt tgagcgatcg ccgtctttg gcggcagcgg 50
cgacgcgagg gctcccgcc gcccgcgtcc gctggaaatc tagcttctcc 100
aggactgtgg tcgccccgtc cgctgtggcg ggaaagcggc ccccagaacc 150
gaccacaccg tggcaagagg acccagaacc cgaggacgaa aacttgtatg 200
agaagaaccc agactccat ggttatgaca aggacccgt tttggacgtc 250
tggAACATGC gacttgtctt cttcttggc gtctccatca tcctggcct 300
tggcagcacc tttgtggcct atctgcctga ctacaggatg aaagagtgg 350
cccgccgcga agctgagagg cttgtgaaat accgagaggc caatggcctt 400
cccatcatgg aatccaaactg cttcgacccc agcaagatcc ag 442

<210> 200
<211> 756
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 21, 31, 46, 68, 72, 95, 220
<223> unknown base

<400> 200
ggtccgaaaa gtaagttctt nttttgggct naacgggatt tccttnnttg 50
cagtttgca gcccccagnac gntgattccc agcaggcgct ttacngggca 100
gcccgaaagat ttcacttatg gtgaaaatcg cctttcaata cccttaccgc 150
cgtgcaaaag gaggaggcgc ggcaagactt ggaggccctt cttgaccgga 200
acggtcagaa ctcaggatan tgaccggcaa ggagctccga gttgccaccc 250
aggaaaaaga gggctcctct gggagatgta tgcttactct cttaggcctt 300
tcattcatct tggcaggact tattgttggt ggagcctgca tttacaagta 350
cttcatgccc aagagcacca tttaccgtgg agagatgtgc tttttgatt 400
ctgaggatcc tgcaaattcc ctgcgtggag gagagcctaa cttcctgcct 450
gtgactgagg aggctgacat tcgtgaggat gacaacattg caatcattga 500
tgtgcctgtc cccagttct ctgatagtga ccctgcagca attattcatg 550
actttgaaaa gggaaatgact gcttacctgg acttgttgct ggggaactgc 600
tatctgatgc ccctcaatac ttctattgtt atgcctcaaa aaaatctgg 650
agagctcttt ggcaaactgg cgagtggcag atatctgcct caaactttag 700
tggttcgaga agacctagtt gctgtggagg aaattcgtga tgttagtaac 750
cttggc 756

<210> 201
<211> 445
<212> DNA
<213> Homo Sapien

<400> 201
gatgggttca caagcgttca ttcaaaaact tgctggtaa tccccaggcc 50
tctatagctc agatcattgt cacagtcgta ctgggactgg ttataggtgc 100
catttacttt gggctaaaaa atgattctac tggaatccag aacagagctg 150
gggttctctt ctgcgtgacg accaaccagt gtttcagcag tgtttcagcc 200
gtggaactct ttgtggtaga gaagaagctc ttccatacatg aatacatcag 250
cggatactac agagtgtcat cttatttcct tggaaaactg ttatctgatt 300
tattacccat gaggatgtta ccaagtatta tatttacctg tatagtgtac 350
ttcatgttag gattgaagcc aaaggcagat gccttctcg ttatgtgtt 400

tacccttatg atggtggctt attcagccag ttccatggca ctggc 445

<210> 202
<211> 700
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 66, 168
<223> unknown base

<400> 202
gcggccccct tggggtttgg attcaggatt tgttcctagt gtccaagatt 50
ttgttaggaa cttacngaag ttgatgctta cctacaaaatc ttgattgaac 100
aattaaagct ttttgatgac aagcttcaaa actgcaaaga agatgaacag 150
agaaaagaaaa ttgaactntc aaagagacaa caaatagcat ggtagaatca 200
attaaacact gcattgtgtt gctgcagatt gccaaagacc agagtaatgc 250
ggagaagcac gcagatggaa tgataagtac tattaatccc gtagatgcaa 300
tatatacaacc tggtcctttg gaacctgtga tcagcacaat gccttcccag 350
actgtgttac ctccagaacc tggcagtttgc tgtaagttagt agcagcgtcc 400
atcttcccta ccagttggac ctgtgttggc taccttggga catcatcaga 450
ctcctacacc aaatagtaca ggcagttggcc attcaccacc gagtagcagt 500
ctcacttctc caagccacgt gaacttgtct ccaaatacag tcccagagtt 550
ctcttactcc agcagtgaag atgagttta tgatgctgat gaattccatc 600
aaagtggctc atccccaaag cgcttaatag attcttctgg atctgcctca 650
gtcctgacac acagcagctc gggaaatagt ctaaaacgcc cagataaccac 700

<210> 203
<211> 513
<212> DNA
<213> Homo Sapien

<400> 203
catgcagtgc ttcaagttca ttaagaccat gatgatcctc ttcaatttgc 50
tcatctttct gtgtggtgca gcccgttgg cagtggcat ctgggtgtca 100
atcgatgggg catcctttct gaagatctc gggccactgt cgtccagtgc 150
catgcagttt gtcaacgtgg gctacttcct catcgccagcc ggcttgg 200
tctttgtct tggtttcctg ggctgtatg gtgctaagac tgagagcaag 250
tgtgcctcg tgacgttctt cttcatcctc ctcctcatct tcattgctga 300
ggttgcagct gctgtggctg cttgggtgtta caccacaatg gctgagcact 350
tcctgacgtt gctggtagtg cctgccccatca agaaagatta tggcccag 400

gaagacttca ctcaagtgtg gaacaccacc atgaaaggc tcaagtgtg 450
tggcttcacc aactatacgg attttgagga ctcaccctac ttcaaagaga 500
acagtgcctt tcc 513

<210> 204
<211> 348
<212> DNA
<213> Homo Sapien

<400> 204
gaatcgatag aaccgaggtg cagttggacc tggagtgga caccaagatt 50
ttaaaaagctc caatttcaga gcaagagtgc aaaactcaca gataaagtta 100
tagttatttc agggttctga aaagacgcag aacatgaagg gactcagaag 150
tctggcagca acaacccgg ctctttcct ggtgttgtt ttctggaa 200
actccagctg cgctccgcag agactgttgg agagaaggaa ctggactcct 250
caagctatgc tctacctgaa aggggcacag ggtcgcgcgt tcacatccga 300
ccagagccgg agaaaggacc tctccgaccg gccactgccc gaaagacg 348

<210> 205
<211> 493
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 202
<223> unknown base

<400> 205
tccaggagac gactaaaatg ggctgtcttc atcggtggaa tacaacataa 50
tggagttgga acaagaactt gaaaatgtaa agactcttaa gacaaaatta 100
gagaggcgaa aaaaggcttc agcatggaa agaaatttgg tgtatccgc 150
tgttatggtt ctccctctta ttgagacatc catctcggtc ctcttgggt 200
cntgtaatat tctttgccta ttgggtgatg aaacagcaaa tgccaaaagg 250
aacaaggggg cctggaatag gaaatgcctc tctttctacg tttgggtttg 300
tgggagctgc gcttggaaatc attttggattt tctatcttat ggtgtcctct 350
gttgcggat tctatagcct tcgattttt ggaaacttta ctcccaagaa 400
agatgacaca actatgacaa agatcattgg aaattgtgtg tccatcttgg 450
ttttgagctc tgctctgcct gtgatgtcga gaacactggg aat 493

<210> 206
<211> 599
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 38, 48, 191, 261
<223> unknown base

<400> 206
ctattagaga ttccccttgg acccttggac ccaacggngt cccgggggnac 50
accggcctttt ttcagaaacc cagggctgtg taagagctgc ttggagtagg 100
caccccattt aaagaaaaaaa atgaagaagc agcaataaag aagttgtaat 150
cgttacctag acaaacagag aactggttt gacagtgtt ntagagtgt 200
ttttattatt ttcctgacag ttgtgttcca ccatgattac ttttccttc 250
agcgaatagg ntaaatgaat atgaaacaga aaagcgtgt a tcagcaaacc 300
aaagcacttc tgtgcaagaa ttttcttaag aaatggagga tgaaaagaga 350
gagcttattg gaatggggcc tctcaatact tctaggactg tgtattgctc 400
tgtttccag ttccatgaga aatgtccagt ttccctggaat ggctcctcag 450
aatctggaa gggtagataa atttaatagc tcttctttaa tggttgta 500
tacaccaata tctaatttaa cccagcagat aatgaataaa acagcacttg 550
ctcctttt gaaaggaaca agtgcattt gggcaccaaa taaaacaca 599

<210> 207
<211> 578
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 49, 75, 77, 283, 458
<223> unknown base

<400> 207
tgcctttcc tctgaccctt caggtccctc accgagttt gctccaggg 50
tatattgaaa acataacccag tgctntntca agcaccact gcttagaggg 100
cccagatttc ttttccttct ttcccttgca gagctggaga ctgcacatggg 150
catctgggtt ttaaaactaaa cagggaaact gactaaaggt ccacagtgt 200
cattgtgttag actagctgcc ctccgatggg tgctctgatt atcagtggtt 250
ccagtgagg gcctgtcaact aaacaggcct canttcctcc ttgggggctt 300
tcccattggaa ggtgtggctt tttactctac atggaaatga ctctctgcag 350
ccacagaaca cagtcatttt ctgaattatc ccagtctctc atgcgccttg 400
gattcctcca gatgccttat atctcttgcg caaagttgtc taaaatttgg 450
ttccccagntt ccaaggcttg cctttggcc ttccctggaag tattttgtt 500
gatgagtcgt ctgtcattat tctctaaaat gatttgctt ttgtttctt 550
cattcctatt tccacccac atatacac 578

<210> 208

<211> 588
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 332, 427, 444, 449, 480, 508, 541, 578
<223> unknown base

<400> 208
tctttctgt a gactcaact gatata tatt atactgatgc aaatattaag 50
tagggcataa a aatatgctt ccataatatg aaatagatta ttcaataatt 100
gagaaacttt atgtgtatc atgagagtat aagagtctgg attatctaac 150
attgttagcc ctgtgtatgt acagttcaaa aagttcattt ataaaagtag 200
tttcctgttc ctagtgtgat gtatcacaaa ttgtgctgag gttattttag 250
tatgtgtgtt tcattcccggt gtttctgttc tgaagtcctg gaatacagtt 300
ttcagtgtaa ttaattcaac tgcaactaac antaatgtcc gtgttggtat 350
agaaatgtct aaatcctata ctctagttga ggaagatctt ccataatttt 400
atggtattac acaggaaag ctatgantgc aggatcagtc taantatant 450
attaggtgca tgtattctct ttcaactaan ttataacttgt ctatctagaa 500
tacaggtntt ccagtcagct ggtcatttac caggtgtgga nttaagttgc 550
tgggcttgca gtaagaatttgc ccagccanc attgtgcg 588

<210> 209
<211> 481
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 84
<223> unknown base

<400> 209
cgtgtggccc ccgcgggtgcg gagtatgggg cgctgatggc catggagggc 50
tactggcgct tcctggcgct gctggggtcg gcantgctcg tcggcttcct 100
gtcggtgatc ttccgcctcg tctgggtcct ccactaccga gaggggcttg 150
gctggatgg gagcgcacta gagtttaact ggcacccagt gtcatggtc 200
accggcttcg tcttcatcca gggcatcgcc atcatgtct acagactgcc 250
gtggacctgg aatgcagca agtcctgtat gaaatccatc catgcagggt 300
taaatgcagt tgctgccatt cttgcaatta tctctgtggt ggccgtgttt 350
gagaaccaca atgttaacaa tatagccaat atgtacagtc tgcacagctg 400
ggttggactg atagctgtca tatgttattt gttacagctt ct当地cagggtt 450
tttcagtcatt tctgcttcca tgggctccgc t 481

<210> 210
<211> 569
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 325
<223> unknown base

<400> 210
tttcatatac catggagtta cataaaacat ggcattttgt atctggcttc 50
tttcacttaa tgttttcaag gttcattcag gctggagcgc ataatgatac 100
tttattcctt tctatggttg aataatattc cattgtatga atagaccata 150
ttttgtctat ccattcatca gttgatggac atctgggtta tttctatttt 200
tggctatcgt gaataatgct gccatggaca ttcacgtata agtttttgt 250
tggatatatg ttttcatttc tttggagtag agttgctggg tcatgggta 300
accctagggtt taagctttg aggcntacca gatttccaaa gtgactgcat 350
cattttgcat tcccattcaac agtataatgaa ggttctaact tctctacatc 400
ttcaccaata tttgttatttgc tctgtcttct tgacaaaaagt tctcttagtg 450
ggtgtgaact ggtatcattt tgtggttttg atttgcattt cctggatgg 500
tatgaatgtt gattttactt tcatgtgctt attggccatt gtatatctt 550
gggaaaatag ctatttcc 569

<210> 211
<211> 416
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 291
<223> unknown base

<400> 211
gtcgaaagaa gcttatctgc aaaagatata atgaaaaatg ggaagagcaa 50
tcatctcaaa cagttccggg ttgctgccct tttggcttgc ctaggtgcta 100
cagtagcagg ctgtttccc cttttccata gagggaaata ttctgcatca 150
cccctttggtt tgccatttcc tacaggtgaa acgccatcat taggattcac 200
tgtaacgtta gtgctattaa actcaactgc atttttatttata atggccgtta 250
tctacactaa gctataactgc aacttggaaa aagaggacct ntcagaaaac 300
tcacaatcta gcatgattaa gcatgtcgct tggctaatct tcaccaatttgc 350
catcttttc tgccctgtgg cgttttttc atttgcacca ttgatcactg 400
caatctctat cagccc 416

<210> 212
<211> 765
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 55, 63, 76, 81, 389, 626, 761
<223> unknown base

<400> 212
tttggcctg ttggaatttc cccantttt ttccccagga ggatttgccc 50
aaaantgagc ttntattggg acaggnggc nttggatttt tggagtaggt 100
gggctttgt ttttggggtc tgcaattggc ttgtcttaga ggttcaggag 150
ggaaattat atggaagggt cccaaattgc attactttac aaactcattg 200
tactctgttt ggccattagt ctcccttagg aatcgacga ttagccatta 250
taaaatcaat aggatatcag gaacattaa cagagtattg gagttcactg 300
gaacttttc tttaccataa tagttgtgaa attgataaca ccactgctgt 350
tgattatttt tcccctaaat aagtcctgga ttattgccnt cggcattact 400
gtattatacc agctagccct tgactttacc tcactgaaga ggttaatatt 450
atatggcact gatggtagtg gcacacgggt tggcttattt aatgccaacc 500
gcgaaggaat aatctctacc ctgggtatg tggcaataca catggctgg 550
gtgcaaacag gtttatataat gcataagaac cgatcacata tcaaagactt 600
gataaaagta gcctgtttc tttantggc agctattagc ctcttcata 650
ctcttacgt agttcaagta aatgtagaag cagtatctcg aagaatggca 700
aatttagcct tttgtatttg gatagttgct tctagcctga tccttcttag 750
tagtttatta ntggg 765

<210> 213
<211> 500
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 117, 181, 219, 297, 397, 415
<223> unknown base

<400> 213
ggcggaaactg aagtttttc ttaattatca tgtgacgggt tctggattta 50
atggggggaa aaggcgaa taggacaagg atccaaactg gcgaatttgc 100
tgatcttagg gtccctntcc gcttccggc cggcagcgct gccagggtat 150
atttcctttt ttccgatcct gcaacagcct ntttaaactg tttaaatgag 200
aatgtccttg gctcagagng tactactcac ctggctttc acactactat 250

tcttgatcat gttgggttg aaactggatg agaaagcacc ttggaantgg 300
ttcctcatat tcattccagt ctggatattt gatactatcc ttcttgcct 350
gctgattgtg aaaatggctg ggccgggttaa gtctggctt gaccctngac 400
atggatcaca caatnttaaa aaaaaagcct ggtacctcat tgcaatgtta 450
cttaaattag ctttcgcct cgcaacttgt gctaaactgg aacagttac 500

<210> 214
<211> 500
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 1, 15, 24, 49, 94, 126, 158, 196
<223> unknown base

<400> 214
nacggtaat ttttngaagc caangaagga gattgcaca ggatagaant 50
cccattcaaa ttccacatgt tgcattcagg gttggtccac ggcntggatt 100
tctggtttga cggtgcttc atcggncca taatgaccgt gtggctgtcc 150
acagcccnga cagagccccct gacccactgg taccaggtgc ggtgcntgtt 200
ccagtcacca ctgttcgcca aggcaaggga cacgctctca gggacatgtc 250
tgcttattgc caacaaaaga cagagctacg acatcagtat tgtggccca 300
gtggaccaga ccggctccaa gtccagtaac ctcctggatc tgaaaaaccc 350
cttcttaga tacacggca caacgcccctc acccccaccc ggctcccact 400
acacatctcc ctcggaaaac atgtggaaca cgggcagcac ctacaacctc 450
agcagcggga tggccgtggc agggatgccc accgcctatg acttgagcag 500

<210> 215
<211> 739
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 98, 103, 114, 178
<223> unknown base

<400> 215
tggccggatc ccttagaaa tcccttggac cttggaccca aggtgtccgg 50
gcgagagcct tggatgcac cggccagag cccatgctgc tgctgctnaa 100
cgnttgcacc tccntgggg gccccacttg ggcagggaaat atgtatggcc 150
ctggaggagg caagtatttc agcaccantg aagattacga cccatgaaat 200
cacagggctg cgggtgtctg taggtcttct cctggtaaaa agtgtccagg 250
tgaaacctgg agactccttg ggacgtgaaa ctgggagcct taggtggaa 300

tacccaggaa gtcaccctgc agccaggcga atacatcaca aaagtcttg 350
tcgccttcca agcttcctc cgggttatgg tcatgtacac cagcaaggac 400
cgctatttct attttggaa gcttgatggc cagatctcct ctgcctaccc 450
cagccaagag gggcaggtgc tggtgccat ctatggccag tatcaactcc 500
ttggcatcaa gagcattggc tttgaatgga attatccact agaggagccg 550
accactgagc caccagttaa tctcacatac tcagcaaact caccctggg 600
tcgctagggt ggggtatggg gccatttacc gagcggccgc cgtaattggg 650
ccgctgggt atctctcgag aaaagagagg cccaatatga cccacatact 700
caatatggac gaactgatat tgtccacctg ttatgagtg 739

<210> 216
<211> 474
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 92, 120, 205, 214, 238, 348, 353, 358
<223> unknown base

<400> 216
tttccaaaag ttgtgaagga cacctccatc cattcaaggc agttgtcaaa 50
gcagaaaattt tcagtgcag tcttgatgtt gccccgtccc cnattcccta 100
catcagaagg atccctcatn tggactccag cgttggcttc ttgatgctgc 150
gcgttccccc attccctaca tcagaatgca tcccgcatcc agactccagc 200
gttgntgctc tacntgcacg ctgttgccaa gtccaaagnta ccatactcct 250
gcctgagcta tgacaacagc ctcctcactg atctccctt tcttcccttt 300
gcctcctcca gtcattttt cacagtgtag aatgacattt tgttgtntg 350
ttntgtntg tttgagatgg agtctcgctc tgttgcccag ggtggagtgc 400
agcggtgcgta tctcggctca ctgcaacctc cacctcccggttcaagcgg 450
attctcggtc ctcagcctcc tgag 474

<210> 217
<211> 509
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22
<223> unknown base

<400> 217
cacagttccc caccatcact cttccatcc cttccaaattt tatttttagc 50
ttgccattgg gagggggcag gatgggaggg aaagtgaaga aaacagaaaa 100

ggagagggac agaggccaga ggacttctca tactggacag aaaccgatca 150
ggcatggaac tccccttcgt cactcacctg ttcttgcccc tggtgttcct 200
gacaggtctc tgctccccct ttaacctgga tgaacatcac ccacgcctat 250
tcccagggcc accagaagct gaatttggat acagtgtctt acaacatgtt 300
gggggtggac agcgatggat gctggtggc gccccctggg atgggccttc 350
aggcgaccgg aggggggacg tttatcgctg ccctgttaggg ggggcccaca 400
atgccccatg tgccaagggc cacttaggtg actaccaact gggaaattca 450
tctcatcctg ctgtgaatat gcacctgggg atgtctctgt tagagacaga 500
tggtgatgg 509

<210> 218
<211> 291
<212> DNA
<213> Homo Sapien

<400> 218
ctcttaggct ttgaagcatt tttgtctgtg ctccctgatc ttcatgtcac 50
caccatgaag ttcttagcag tcctggtaact cttgggagtt tccatcttc 100
tggtctctgc ccagaatccg acaacagctg ctccagctga cacgtatcca 150
gctactggtc ctgctgatga tgaagccccct gatgctgaaa ccactgctgc 200
tgcaaccact gcgaccactg ctgctcctac cactgcaacc accgctgctt 250
caaccactgc gaccactgct gctcctacca ctgcaaccac c 291

<210> 219
<211> 266
<212> DNA
<213> Homo Sapien

<400> 219
cgggcatttga agcatttttgc tctgtgtcc ctgatcttca ggtcacccccc 50
atgaagttct tagcagtctt ggtactcttgg gtagttcca tctttctgg 100
ctctgcccag aatccgacaa cagctgctcc agctgacacg tatccagcta 150
ctggtcctgc tgatgatgaa gcccctgatg ctgaaaccac tgcaactgca 200
accactgcga ccactgctgc tcctaccact gcaaccacccg ctgcttctac 250
cactgctcgt aaagac 266

<210> 220
<211> 264
<212> DNA
<213> Homo Sapien

<400> 220
ggctttgaag cattttgtc tgtgctccct gatcttcagg tcaccccat 50
gaagttctta gcagtcctgg tactcttggg agttccatc tttctggct 100

ctgcccagaa tccgacaaca gctgctccag ctgacacgta tccagctact 150
ggtcctgctg atgatgaagc ccctgatgct gaaaccactg caactgcaac 200
cactgcgacc actgctgctc ctaccactgc aaccaccgct gcttctacca 250
ctgctcgtaa agac 264

<210> 221
<211> 610
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 64, 185, 201
<223> unknown base

<400> 221
tgattttac acacccagg atttttgga attgaggaga cggttcaaga 50
gtttagcctt ggantggccc agtatccagg tcgaggttct gcagaaggtt 100
gtgactttag taacattttt cttcttcgg ggacgtggcc tgcatggcta 150
tctgctcctg ccagtgtcca gcagccatgg cttntgctt cctggagacc 200
ntgtggtggg aattcacagc ttcctatgac actacctgca ttggcctagc 250
ctccaggcca tacgctttc ttgagttga cagcatcatt cagaaagtga 300
agtggcattt taactatgta agttcctctc agatggagtg cagcttgaa 350
aaaattcagg aggagctcaa gttgcagcct ccagcggttc tcactctgga 400
ggacacagat gtggcaaatg gggtgatgaa tggcacaca ccgatgcact 450
tggagcctgc tcctaatttc cgaatggaac cagtacagc cctgggtatc 500
ctctccctca ttctcaacat catgtgtgct gccctgaatc tcattcgagg 550
agttcacctt gcagaacatt ctttacaggt tgcccatgag gaaattggaa 600
acattctggc 610

<210> 222
<211> 612
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 17, 43, 70, 89, 92, 100, 194, 219, 229, 295, 327-328, 330, 334,
338, 344
<223> unknown base

<400> 222
cgaaggcttg ggccggangcg tgggcgcggg agtgcatggc agntttggtt 50
cccagacttg cccggacccn tttgcttcac ctccagctnt gntgctcctn 100
tactcttggg tcgagatccc tttggagcca cagcgaggaa ccctgtggtc 150

ctcaggcagg tgtacacctga gtcagccag gagccctctt ttcntgtgtc 200
aaagcctgccc ctcgggctnt gctcacctnt ggtgaccctc ccaagatgcc 250
cctgcctca gtttccccctc atgatctggc ctctgcccccc ttctntagcc 300
acagcctttt agtacacttt agcaatnnnc accnngaanta gttnagatcc 350
cccaattcac caagcaagac atgcagttc atgcctatgt gccttcgctc 400
atgcttggtt cttccgaact tggaatgcct tcccctgctc ctctgcctt 450
gtctgctgg caagttcatc tctcacgatc ccctcaaagg ccccccctc 500
caggaaggca acccctgtgc ccctccccctc caggctaccc ctgcactttg 550
tcaatgcttc tcttgtggca cttatcacac tgtatttac ttgtttacat 600

gtttgtctcc cc 612

<210> 223

<211> 616

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 1, 21, 224

<223> unknown base

<400> 223

nccaatgcag ccctccgggtt ntccgcgaag aagttccttg ccccgatgag 50
ccccccgggt gcgtccccga ttatccccag gcggggcgtgg ggcaccgggc 100
ccagcgccga cgatcgctgc cgaaaaatgc ttgggagtag gatgtggta 150
aaggatgggg cttctccctt acggggctca caatggccag agaagattcc 200
gtgaagtgtc tgcgctgcct gctntacgcc ctcaatctgc tctttgggt 250
aatgtccatc agtgtgttgg cagttctgc ttggatgagg gactacctaa 300
ataatgttct cacttaact gcagaaacga ggtagagagga agcagtcatt 350
ttgacttaact ttccctgtggc tcattccggtc atgattgctg tttgctgttt 400
ccttatcatt gtggggatgt taggatattg tggAACGGTG AAAAGAAATC 450
tggtgcttct tgcatggtaa tttggaaattt tgcttgcattttctgtgtta 500
gaactggctt gtggcggttg gacatatgaa caggaactta tggttccagt 550
acaatggtca gatatggtca ctttggaaatc caggatgaca aattatggat 600
tacctagata tcgggtg 616

<210> 224

<211> 639

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 28, 102, 105, 107, 157, 167
<223> unknown base

<400> 224
taagttcctg cattaaaacc atgctgtngc aattgagagc ttagctccac 50
ggttctcaaa gggaggtccc tggccaacag catcagcatc accttgagga 100
cntantngca atgcaaatta tcagggccct tcttcagact cactgaatca 150
gaaaccntgg gataggncua gcacgctgtg cttaacaag ctcttaggtga 200
tgcccaattc atactcaagt gtgaggctga ctggcttatt tgaaggaga 250
gaaaggaaca ggcacatggc gacatatcag cattacaca aggcgtgctg 300
ggtaaccata ggaacaccc ttacgggtt aaataggaaa caggcatcaa 350
tgcagaggc ccccaggaga atcaggaagg tcgcgactgt cactgtctga 400
gggcactgtt gtgaaacgt ggccgaaggt gacaaccaca gcaaagttc 450
aaggaagttc actgaaacgt ggaaaaaccc actcaatgtc ctgctctcat 500
ttatatttag tggcttaagt atttattttc ttggttttt agaggaaggg 550
agggttggag gattctcaaa gcattcaaaa ggacaccata tgctggcagg 600
aaatattcaa gcttttaatg gaataatgca atggagggt 639

<210> 225
<211> 704
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 45, 89, 96, 105, 115, 121, 141, 147, 178, 194, 205, 209, 233,
236, 245, 256, 284
<223> unknown base

<400> 225
tacccttggc cacttaagtt ggagaaattt gaaatcaaga agttntcatt 50
ttgaagaagc acgagttcg aagactttaa catggttnt tccttnttgc 100
agccngtata cttntgtca nccagaaact gtatttcat ntcagcntag 150
tgacgatgaa tcaagttagt atgaaccngt aatcagccca gtcntgcctt 200
tagangacnc cgtgttagga agaagaccgt ttntgnntca gaatntgaag 250
accggntagt tgctgaacaa gaaactgaac ttntaagga gttgagtaaa 300
cgtcagttca gtagtggtct caataagtgt gttatacttg ctgggtgat 350
tgcaatcagc atgggatttg gccatttcta tggcacaatt cagattcaga 400
agcgtcaaca gttagtcaga aagatacatg aagatgaatt gaatgatatg 450
aaggattatc tttcccaagtg tcaacaggaa caagaatctt ttatagatta 500
taagtcatgt aaagaaaatc ttgcaagggtg ttggacactt actgaagcag 550

agaagatgtc ctttgaact cagaaaacga accttgctac agaaaatcag 600
tattnaagag tatccctgga aaaggaagaa aaagccttat cctcattaca 650
ggaagagtta aacaaactaa gagaacagat tagaatattg gaagataaag 700
ggac 704

<210> 226
<211> 627
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 30, 46, 51, 66, 90, 95, 179
<223> unknown base

<400> 226
ggcccccaac gggcccccgg ggtcggttgc cgcgttggc catgantgct 50
nccgtgttct ttcggnntgcg ctttcatttg cttcggcn tgcgntcgcc 100
ctttatgtct tcaccatcgcatcgagccg ttgcgtatca ttttcctcat 150
cgccggagct ttcttctgggt tggtgtctnt actgattcg tcccttgg 200
ggttcatggc aagagtcatt attgacaaca aagatggacc aacacagaaa 250
tatctgctga tctttggagc gtttgtctct gtctatatcc aagaaatgtt 300
ccgatttgca tattataaac tcttaaaaaaa agccagtgaa ggttgaaga 350
gtataaaaccc aggtgagaca gcaccctcta tgcgactgct ggcctatgtt 400
tctggcttgg gctttggaaat catgagtggat gtatttcct ttgtgaatac 450
cctatctgac tccttggggc caggcacagt gggcattcat ggagattctc 500
ctcaattctt cctttattca gcttcattga cgctggcat tatctgctg 550
catgtattct gggcattgt atttttgtat ggctgtgaga agaaaaagtg 600
gggcattcctc cttatcggttc tcctgac 627

<210> 227
<211> 647
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 36, 42, 65, 67, 101, 107, 112, 147, 224, 292
<223> unknown base

<400> 227
gaccaagggt ccgggttagnt tacctatatt tggtnatgg tntaattata 50
gaccaggaaa gagcntntta tgtctccatc ttgattccg tggcagccaa 100
ntgcctntat gnatatctcc acatcccagc ttttcataa taaatantac 150
atgctggttg ctcgtggatt gttggaaatt ggagcaggaa atgttagcagt 200

tgttagatca tatactgctg gtgntacttc cttcaggaa agaacaagtt 250
ccatggcaaa cataaggcatg tgtcaagcat taggtttat tntaggtcca 300
gttttcaga ctgttttac attccttggaa gaaaaaggtg tgacatggaa 350
tgtgattaaa ctgcagataa acatgtatac aacaccagtt ttacttagcg 400
ccttcctggg aattttaaat attattctga tccttgcatt actaagagaa 450
catcggtgg atgactcagg aagacagtgt aaaagtatta atttgaaga 500
agcaagtaca gatgaagctc aggttccccca aggaaatatt gaccaggttg 550
ctgttgcgc catcaatgtt ctgttttttg tgactctatt tatcttgcc 600
cttttgaaa ccatcattac tccattaaca atggatatgt atgcctg 647

<210> 228
<211> 697
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 72, 75, 81, 92, 116, 135, 153, 157, 170, 248, 267, 271, 332, 498,
570
<223> unknown base

<400> 228
tcaaattttt aaaccaaaca aacaaacaaa aacccggaaat gcattgtata 50
ggattgcattt tgaagtcttt tntantgaat ntatatttcc anttgaagt 100
attttaagtt aacatntgaa ggcaggaaat gatnccttt ccagtaaaaa 150
gtntagntaa tttaattnaa tttagtgcac caccaagtgt tttgatataa 200
ctaaatttgcgtt ggtaataaga ttgtctgcac ctgtattcat tgtgaaantt 250
cctctttcat tggaaanttt ntactcaag aatgacggca gtattgtttt 300
cttataatgtt caatgaagtgt gaatggtaa cngtatgccccc tttaattnaa 350
aatgggttcc ttgttctgat gttgttcct gaaatgattt ttcttcctaa 400
ctgtggtttt cggtatgca agcctaaatc tttgtacact ttgtctcaca 450
gaatagttct gaggctccat gacagggttt tgtcattgtt gatgttatt 500
ttgcttcgtt ttataaaaaaa gccaaaaattt tttccaatc caaacgttca 550
cctgtttcct ttcccaagn tataccagtgt taataccagt taccctgtgg 600
atccattnaa tatgttatcc ccactaatta atttcgtat attatttcca 650
atatttgaa agctctttat agccattngg tatttcctat taccac 697

<210> 229
<211> 621
<212> DNA
<213> Homo Sapien

<220>

<221> unsure
<222> 90, 145, 189, 249
<223> unknown base

<400> 229
tttcaattt gccagttgt gcatgatgaa ttgactaaa tcgaactaaa 50
ttggaatgtg aatctgcatt tacgaagcat attcccaatn tcatgagcaa 100
tatgcttgcc atcttgggtg ccagaatcag ttccattcgc tgaantggac 150
aagaacaact tatgtccctg atgccaaaaa tgcacccat ctttcctcta 200
actcttggtg aggtcattct ggagtgacat gatggactcc gcacagagnt 250
tcataaaccc ttcattggact ttttatcttc aagccgatga cggaaaaata 300
gttatattcc agtttaagcc agaaatccc gtacgcacca catttggagc 350
aggagccctac aaatttgaga gaatcatctc taagcaaat gtcctatctg 400
caaattgagaa attcacaaggc gcacaggaat tttcttgaag atggagaaag 450
tcatggctt ttaagatgcc tctctcttaa ctctgggtgg atttttaacta 500
caactcttgt cctctcggtg atggattgc tttggatttg ttgtgcaact 550
gttgctacag ctgtggagca gtatgtccc tctgagaagc tgagtatcta 600
tggtgacttg gagtttatga a 621

<210> 230
<211> 864
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 654, 711, 748, 827
<223> unknown base

<400> 230
tcctgtgtat gcacatctgg gtttggcaaa aggaggttgc ttctgagccgc 50
cctttcttagc ttcttggccg gctctagaac aattcaggct tcgctgcgac 100
tagacacctcg ctccaaacata tgcattctga agaaagatgg ctgagatgac 150
agaatgcttt attttggaaa gaaacaatgt tcttaggtcaa actgagtcta 200
ccaaatgcag actttcacaa tggttctaga agaaatctgg acaagtcttt 250
tcatgtggtt ttcttacgca ttgattccat gtttgctcac agatgaagtg 300
gccattctgc ctgccccctca gaacctctct gtactctcaa ccaacatgaa 350
gcacatcttg atgtggagcc cagtgtatcgc gcctggagaa acagtgtact 400
attctgtcga ataccagggg gagtacgaga gcctgtacac gagccacatc 450
tggatccccca gcagctggtg ctcactcaat gaaggtcctg agtgtgatgt 500
cactgatgac atcacggcca ctgtggccata caaccttgc gtcaggccca 550

cattgggctc acagacacctca gcctggagca tcctgaagca tccctttaat 600
agaaaactcaa ccatccttac ccgacctggg atggagatca ccaaagatgg 650
cttncacctg gttattgagc tggaggacct ggggccccag tttgagttcc 700
ttgtggccta ntggaggagg ggcgaacccc ttgcggcgca aggggttngc 750
gaacccttg cggccgctgg ggtatcttc gaaaaaagag aggcccaata 800
tgaccacat actcaatatg gacgaantgc tattgtccac ctgtttgagt 850
ggcgctgggt tgat 864

<210> 231
<211> 595
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 59, 62, 82, 121, 425, 446, 523, 563
<223> unknown base

<400> 231
tagagcgaca gtggaagggg catgaccctc aatgaggacg gccttgttc 50
ctgggaggng tntaaaaatt ccaacctacg gntacgttt agatgatcca 100
gatcctgatg atggattcaa ntataaacag atgatggta gagatgagcg 150
gaggttaaa atggcagaca aggatggaga cctcattgcc accaaggagg 200
agttcacagc tttcctgcac cctgaggagt atgactacat gaaagatata 250
gtatcacagg aaacaatgga agatatacat aagaatgctg atggtttcat 300
tgatctagaa gagtatattg gtgacatgta cagccatgat gggataactg 350
atgagcccag aatggtaaa gacagagcga gagcagttg ttgagttcg 400
ggataagaac cgtgatggta agatngacaa ggaagagacc aaagantgga 450
tccttcctc agactatgat catgcagagg cagaagccag gcacctggtc 500
tatgaatcag accaaaaacaa ggntggcaag cttaccaagg aggagatcgt 550
tgacaagtat ganttatttg ttggcagcca ggccacagat tttgg 595

<210> 232
<211> 460
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 90, 99, 147, 222, 234, 271, 412
<223> unknown base

<400> 232
accgccttca gttactccag gtagccccgt agcattaaa gaacaaaatc 50
tgtccagtca aagtgattt cttcaagagc cgttacaggn tacttctnt 100

ccagttactt gtagctcaa tgcttgcttg gttactaccg atcaggnttc 150
ttctggatct gaaacagagt ttatgacctc agagactct gaggcagcaa 200
ttccccagg caagcaaccg tnttcactag cttntccaaa tcctcccattg 250
gcaaaggct ctgaacaggg ntccagtc cctccagcaa gtagtagttc 300
agtaaccatt aacacagcac cctttcaagc catgcagaca gtatttaacg 350
ttaatgcacc tctgcctcca cgaaaagaac aagaaataaa agaatcccct 400
tattcacctg gntacaatca aagtttacc acagcaagta cacaaacacc 450
accccagtgc 460

<210> 233
<211> 660
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 7, 13, 31, 107, 127, 129, 131, 159
<223> unknown base

<400> 233
cggaanccc ganccggttg ccccgaaaa nccgtgcggc cccttcgtc 50
ccgttcccat cttgcggg gttccagcac cttaaagtt ttgcagcgc 100
ccgaaangga ggcgaggaag gagggantnt ntgagaggag ggagaaaaaa 150
gcttcacctt aaaacatttta ttcaaggag aaaagaaaaa gggggggcgc 200
aaaaatggct gggcaatta tagaaaacat gagcaccaag aagctgtgca 250
ttgttggtgg gattctgctc gtgttccaaa tcatgcctt tctggtggaa 300
ggcttgattt ctccagggcc cacaacggca gtgtcctaca tgctggtaa 350
atgtgtggat gcccgttaaga accatcacaa gacaaaatgg ttcgtgcctt 400
ggggacccaa tcattgtgac aagatccgag acattgaaga ggcaattcca 450
aggaaattt aagccaatga catcggttt tctgttcaca ttccccctccc 500
ccacatggag atgagtcctt gttccattt catgctgttt atcctgcagc 550
tggacattgc cttcaagcta aacaacccaa tcagaaaaaa tgcagaagtc 600
tccatggacg ttccctggc ttaccgttat gacgcgttg ctgagtggac 650
tggaaatggcc 660

<210> 234
<211> 564
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 71
<223> unknown base

<400> 234
tttgtttccc gggaccttgg tggcagttct gcagccacag aggcagtggc 50
gatttgaca gccacatacc ntgtgggtca catgccatac ggctgggtga 100
cgaaaaatccg tgctgtgtat cctgctttcg acaagaataa ccccagcaac 150
aaactggtga gcacgagcaa cacagtcacg gcagccaca tcaagaagtt 200
caccttcgtc tgcattggctc tgtcactcac gctctgtttc gtatgtttt 250
ggacacccaa cgtgtctgag aaaatcttga tagacatcat cggagtggac 300
tttgccttg cagaactctg tgggttcct ttggatct tctccttctt 350
cccagttcca gtcacagtga gggcgcatct caccgggtgg ctgtatgacac 400
tgaagaaaac cttcgccctt gccccagct ctgtgtcg gatcatcg 450
ctcatcgcca gcctcggtt cctaccctac ctgggggtgc acggtgcgac 500
cctggcggtg ggctccctcc tggcgggctt tgtggagaa tccaccatgg 550
tcgccccatcg 564

<210> 235
<211> 461
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 34, 196-197, 307
<223> unknown base

<400> 235
cggaacgcgtg ggttaaaaaa ttactcataa tcgntccatt gataatacta 50
aatttagttt cccctgtctt tagtgtctaa ttgtcagcca gaaaattagg 100
aatctgttgc acttgatttt taagtaactt atctaaaact atgtgccatt 150
ttaacagtga gcattactta gttgcatttt ccaaatttat tattnntca 200
tttcttaact gtagactatt atttcaaaat tttaaattta gttttgatg 250
tttagagaa atgaagccac agtggcttag cacatcttg tttttctatt 300
atttatntat tttttgaga cagagtcttg ctgtgttgat caggctggag 350
tgcagtggtg cgatctcagc tcactgcaac ctctgctcc cgggttcaag 400
tgattttcct gcctcagcct cccaaatggc tgggattaca gacacctgcc 450
accatgtccg g 461

<210> 236
<211> 307
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 93
<223> unknown base

<400> 236
gaggtcatct ccatttcatc ccggataaaat gagtatgcaa ggaacgttt 50
tataggcatt ttggagatca aagatggta gaaaagatgc tgntactata 100
aaacttcctg ttgatcgta cagaaaaaca attggtaaac aggattataa 150
aaaaactaaa cctatttac gagctaccaa attaaaagca gaagcaaaga 200
aacacagcaat aggataaag gaagttggcc ttgtacttgc agctatattg 250
gcactactac tggcttctta tgcttcttt tatctcagac tcaccacgga 300
aatgttg 307

<210> 237
<211> 468
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 53, 67
<223> unknown base

<400> 237
cggggaaacc cgagccggtt gcgcgggggg aatccgtgcg ggagccttcc 50
gtncgggtcc catcctngcc gcgcctccagc acctttgaag ttttgcagcg 100
cccagaaagg aggcgaggaa ggagggagtg tgtgagagga gggagcaaaa 150
agctcaccct aaaacattta tttcaaggag aaaagaaaaa gggggggcgc 200
aaaaatggct gggcaatta tagaaaacat gagcaccaag aagctgtgca 250
ttgttgtgg gattctgctc gtgttccaaa tcatgcctt tctggggaa 300
ggcttgattg ctccagggcc cacaacggca gtgcctaca tgtcggtgaa 350
atgtgtggat gcccgtaaga accatcacaa gacaaaatgg ttctgtgcctt 400
ggggacccaa tcattgtgac aagatccgag acattgaaga ggcaattcca 450
agggaaattg aagccata 468

<210> 238
<211> 490
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 110, 128, 151, 215, 229, 268, 274, 282, 343, 363, 383, 489
<223> unknown base

<400> 238
tccataatga ccgtgtggnt gtccacagcc ccgacagagc cccctgaccc 50
aattgtacca ggtgcgggtgc ctgttccagt caccattgtt cgccaaggca 100

ggggacacgn tttcagggac atgttgntt attgccaaca aaagacagag 150
ntacgacatc agtattgtgg cccaggtgga ccagaccggc tccaagtcca 200
gtaacctcct ggatntgaaa aacccttnt ttagatacac gggcacaacg 250
ccctcaccnc caccggntc ccantacaca tntccctcg 300
gaacacgggc agcacctaca acctcagcag cgggatggcc gtngcaggga 350
tgccgaccgc ctntgacttg agcagtgtta ttnccagtgg ctccagcgtg 400
ggccacaaca acctgattcc tttagggtcc tccggcgccc agggcagtgg 450
tggtggcagc acgagtgcgc actatgcagt caacagccng 490

<210> 239
<211> 583
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 37, 53, 71, 79, 89, 100, 166, 258, 260, 302, 327, 334
<223> unknown base

<400> 239
ttccccta at gggttgtttg acccccattc cggttgntaa gtggttttc 50
ccnatcatcg gccaaattgg natttcana tccacagggng tcattggan 100
tttgggggcc cctaatttgc ttca gagacagg ccgggaggca gtttgccaga 150
aggattctta agtaantgac ccagccctt gccccaccc ctggggtacc 200
gagacatggg tagggattag agcaagagtt gagagtca ga ccatccagga 250
accacatntn tggaccttca gaaggaggac aacatggcct ttggaaagcc 300
tnccaagtac tggaaagttgg accctgntca ggtntatgct agcggggccca 350
acgcataggga cacggctgtg cacgacgcct ctgaggagta caagcaccgc 400
atgcacaatc tctgctgtga caactgccac tcgcacgtgg cattggccct 450
gaatctgatg cgctacaaca acagcaccaa ctggaatatg gtgacgctct 500
gcttcttctg cctgctctac ggaaagtacg tcagcgttgg ggcccttcgtg 550
aagacctggc tgcccttcat ctttcctcgt ggc 583

<210> 240
<211> 546
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 57, 97, 254, 341
<223> unknown base

<400> 240
tttttcaggg agaatttga ggctntgttg agaattcatgc tttggaggca 50

gctcatntat tggcaactgc tggcttggtt tttcctccct tttgcntgt 100
gtcaagatga atacatggag gtgagcggaa gaactaataa agtggtggca 150
agaatagtgc aaagccacca gcagactggc cgtagcggct ccaggaggg 200
gaaagtgaga gagcggagcc atcctaaaac tggactgtg gataataaca 250
cttnzacaga cctaaaaatcc ctgagaccag atgagctacc gcaccccgag 300
gtagatgacc tagcccagat caccacattc tggggccagt ntccacaaac 350
cgaggacta cccccagact gcagtaagt ttgtcatgga gactacagct 400
ttcgaggcta ccaaggcccc cctggccac cgggcctcc tggcattcca 450
ggaaaccatg gaaacaatgg caacaatgga gccactggtc atgaaggagc 500
caaaggtgag aagggcgaca aaggtgacct ggggcctcga ggggag 546

<210> 241
<211> 546
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 126
<223> unknown base

<400> 241
ggtgatctga aagatagcca aggattttc agaacacaag aaaaaagagg 50
gatgaaaagt gaaaaagaaa ttagaagata tggataataa atcccaggag 100
aggtaatatg catccaatca aacatntaat agaaaatttc ctacaggaa 150
taaaagaaaa agattcttaa gatcgaaagg gccagttgat agtggtaccc 200
aggaggaagg agtggtttt cacccagata tatcctggtg aaatttctga 250
attctgcagc ttacaagaaa attctgaact cttccaggga agaacaagct 300
atgtacaaag gaataagaat cttattcatt acactaaaga caatgcttt 350
gatcattgtc tatagtatg tgtattttga acctagaatt ccgtactcag 400
cccaactgtc atttatgtat gagaacaaaa ttaactttt ggaatttgca 450
gactcatatt ctttcgaaa aaaatactgt gggatgtacc aaaacaaaaa 500
aataagtcaa gaagcaacaa ctcaaggcat aagaaacagt agcgag 546

<210> 242
<211> 549
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 100, 121
<223> unknown base

<400> 242

ttccagagag cccttgagaa gaccaaggc aaagtgagca tgaggttctc 50
ctctctctgc ccaccctcca cgtccactgc ctctggccgc agacccagcn 100
tcgtgatcga tgggagaagc ntggcctacg ctctcgagaa aaacctggag 150
gacaaattcc tcttccttgc caagcagtgc cgctccgtcc tctgctgtcg 200
gtcgacgcct ctgcagaaga gcatggtgtt gaagctggtg cggagcaagc 250
tcaaggccat gaccctggcc ataggtgatg gagccaatga tgtcagcatg 300
atccaggtgg cagatgtggg tgtggaaatc tccggccagg agggtatgca 350
ggcagtgatg gccagcgact ttgcagtgcc gaaattccga tacctggaga 400
ggctcttgat tcttcacggg cattggtgct actcccact tgccaacatg 450
gtgctgtact tcttctacaa aaacacaatg ttcgtggcc tcctgtttg 500
gttccagttt ttctgtggct tctctgcatac taccatgatt gaccagtgg 549

<210> 243
<211> 549
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 97, 120
<223> unknown base

<400> 243
ttcccagcga ggatcctgtc cctggaggct gtaatttggaa gttcgattta 50
gatattgatc ccaacattta cttggagtat aatttctttg aaacgantat 100
caagtttgcc ccagcaaacn taggctatgc gagaggcgta gatccccac 150
catgtgacgc tgggacagac caggactcca ggtggaggtt gcagtatgat 200
gtctatcagt attttctgcc tgagaatgac ctcactgagg agatgttgct 250
gaagcatctg cagaggatgg tcagtgtgcc ccaggtgaag gccagtgtc 300
tcaagggtgt taccctaaca gctaattgata agacaagtgt ttccttctcc 350
tccctcccg gacaagggtgt catatacaat gtcattgttt gggaccgtt 400
tctaaataca tctgctgcct acattcctgc tcacacatac gcttgcagct 450
ttgaggcagg agagggtagt tgtgctccc taggaagagt gtcttccaaa 500
gtgttcttca ctattttgc cctgcttggt ttcttcattt gtttctttg 549

<210> 244
<211> 448
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22
<223> unknown base

<400> 244
attcttaagt cagttgatcc anttattcat tcataaata ttgattgaga 50
acctaactgtg tgccaagtgt tattttaggc cctgggacca agtaataaat 100
aagaggacac aggccatgca ctcacggagc ttctgtttc cttggcagag 150
cagacatggg gcagggtggt ctgagggtct ctcaggatg gtgtggctg 200
tgctggtgt ggttgtttt acaggttggg ctcatggc agatggtacc 250
tgtcaggcag ggagtgtggg ggcaaccagg atgaacagtt ataagaccat 300
ttcttaatact tgtatTTTT tttctccatgg gaaaaatttgg aaaaaaaaaa 350
ccaaattata tgaaaaatgg actaaaggag actttataga tgaagaagta 400
gaggatatgt accttggatgg tttcacacag aagatcatag acaagcgc 448

<210> 245
<211> 567
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 3, 35, 49, 81, 106, 146, 152, 227, 239, 293, 308, 358, 427, 448,
476, 480, 566-567
<223> unknown base

<400> 245
ggntaccgaa aggccaaagct ttttaacaat tttgnTTTGT aatcaatng 50
taattcatga tgaatttattt tgactaatgg nttagccgaag gccaaagcttt 100
taattntaat aggtaatgtt cttttttgtt cttattgaaa caatngaaat 150
antctgtgca tttcaaATgc actccgatta tgctgtggTT ttattcacat 200
aagcacaata tggTTTTat ttataanttc ataacaaant tataatataa 250
taatttacct tagcagacat gcaaaagctt attcttgggtt ganttacttt 300
ctttaagnTA ataataaaaa aataaaatgt tatctaaaaa atctataata 350
aaacatnGA aattaaagat atgtgctttt tattttgcag atgagttcat 400
ttgcttctgt agatgtgttt tcagagntag gtacagagga atgTTTgnta 450
cctttagcgg tgaaaaaaga aagagngtn agaattttgt tggattgtgt 500
ttgtgtgtgc atatatttga tatcatcatc atacattgtatc atctttggac 550
ttgtataatcat agcctnn 567

<210> 246
<211> 539
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 33, 100, 115, 153, 158, 185, 194, 263, 273, 286, 325, 371, 400,

404, 410, 454, 458, 485, 508, 539
<223> unknown base

<400> 246
ttcccactgt aatgccaaat gatccatagc ctnttcagat tccttataaa 50
attnaaacca agagaggaga ggaaagggtt aattttctgt aatgaccttn 100
tgcttaatag tcttn>tagaa aaaggaaagg tgatgagcaa ataaaggaac 150
ttnttagant tacatgacta ggctgataat cttantttt aggnntctat 200
acagtttaatt ctataaattc tctttctccc tctcttctcc aatcaagcac 250
ttggagttag atntaggtcc ttntatctcg tccctntaca gatgtatttt 300
ccacttgcatt aattcatgcc aacantggtt ttcttaggtt tctccatttt 350
cacctctagt gatggcccta ntcatatctt ctctaatttgc gtcctgatan 400
ttgnttcgtn tcacgttttc ccattccct gtggctcaact gttttacaat 450
cacngctntg gaatcatgat accacttta gctcntgca tcttccttca 500
gtgtattttt gttttcaag aggaagttaga ttttaatn 539

<210> 247
<211> 508
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 9, 38, 45, 78, 469
<223> unknown base

<400> 247
cgaggcctnt gcaggaggag cttttcggtc ctggccngt ttttntgcag 50
gccccacgag tgggaggtgc tgagccgntc aggttctccc ttttgccact 100
ggaatcagga gaatgttgca gaggaattgc attcctggta acaagataac 150
ccagcaagac tcagactgct aacccaagga tcaactatta aggccagaca 200
gatgggaccg ttttcagaat tcacacaaaa gctgaaggat ttatggatgc 250
ggatatacct ctggaattgg tttccattt gccagtcaat tatccttcat 300
gtctacctgg tatctcgatt aactctgaac agttgaccag gcccagtgt 350
gtgactgtga aagagaattt acttgagcaa gcagagagcc ttttgcgga 400
gcctatggtt catgagctgg ttctctggat tcagcagaat ctcaggcata 450
tcctcagcca accagaaant ggcagtggca gtgaaaagtg tacttttca 500
acaagcac 508

<210> 248
<211> 540
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 85, 100, 104, 133, 156, 395, 468
<223> unknown base

<400> 248
tcgggtttc ggagcagttt tcgaatggac agctccgtgg aggaggatga 50
acttatgtta aatgaaggta agagtttgg gcatntttag ccccccttgn 100
tctntgacag ctctgtgtct tgtctttggc ctntatccac ctccttccaa 150
gacaantgat gataagacca gcggcttaa gaaatgtgaa accaagtcaa 200
ttgtgtcatc gtccatcagt gctttacat tgcctgtgat caaaattaat 250
aactgtgtta ttgatgagcc cagtatagat aacatcactg aagatgctga 300
caacctcaaa agtaggtcaa ggaatttgc aatggattcc cttgtggttc 350
cttgcccaa caccagtgaa tccttccagc ccgtcagcac agtgnatcca 400
aggaataatt ccattggga gtcgttgcg agtcagtaca agtcatctat 450
ggctctcgga cctgggntg gacagcttt gtctcctggg gctgccagaa 500
gacagtttgg gtccaaataca tccttgcatt tgctctcgac 540

<210> 249
<211> 618
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 12, 66, 90, 187, 263, 311, 508, 511, 547, 555, 610
<223> unknown base

<400> 249
tccttacaag gnccgtgtaa catgacactg ttaatgattt cattggctt 50
gctgtggggg catttttgc ggatcaaacc cacgcagagn gttttcattt 100
tccaaatgtc tgccttgc aagcacaccc cttgtgtcca gtttcctcat 150
ggcagtgct cgggtgaca aagaaggcga cattgantac agcaccgtgc 200
tcctcggcat gctggtgacg caggacgtgc agctcggctt cttcatggcc 250
gtcatgccga ctntcataca ggccggcgcc agtgcattttt ctagcattgt 300
cgtggaaattt ntccgaatcc tggtttgc tggcagatt ctttttcac 350
tagcggcggt ttttctttta tgccttgc taaagaagta tctcattgg 400
ccctattatc ggaagctgca catggaaagc aagggaaca aagaaatcct 450
gatcttggga atatctgcct ttatcttgc aatgttaacg gtcacggagc 500
tgctggangt ntccatggag ctggcgtttt tcctggctgg agcgctngtc 550
tcctntcagg gccccgtggt caccgaggag atcgccaccc ccatcgaacc 600
catccgcgan ttccctggc 618

<210> 250
<211> 626
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 33, 35, 67, 70, 91, 114, 133, 143, 177, 267, 394, 421, 447, 484,
536, 540, 561, 569
<223> unknown base

<400> 250
caacttacct gaaatgcgct attgaatgca cgnngggaaa atccttggt 50
tccaggatga cacctantan tgcagttga ttggcagaat ngtcgatacg 100
atggctggca aatntcctgg tccctttccc aantgtgact ggngattcaa 150
tgagttccc aacccagttg cccatgntct ccatgttact tgtgtggagc 200
tcatggcctt ggcagttca ggcaaagaag ttggaatgc ccttctaaat 250
gttgcctaa aaagtncngcc ttttagtgcca agagagaaca ttgcagcatg 300
gatgaatgca attggttga tcatcactgc cctaccagag ccatattgga 350
ttgttcttca tgatcgaatt gtgagtgta tcagcagccc cagnttgacg 400
tctgaaacag agtgggttgg ntatccattc cgcccttttgc atttcantgc 450
ctgtcatcag tcctactctg agatgagttg tagntatacg ttagctttg 500
cacatgctgt gtggcaccat ttttagcatcg gacaanttn tctcattcca 550
aagtttctta ntgaagtant tcttcctata gtgaagaccg aattccagtt 600
gctttatgta taccatcttg ttggac 626

<210> 251
<211> 602
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 34, 80, 94, 300, 388
<223> unknown base

<400> 251
gaagggcatt ttcagggagc agaatgacaa gacntattgt caaccttgct 50
tcaataagct cttccactg taatgccaan tgatccatag cctnttcaga 100
ttcccttata aaatttaaac caagagagga gagggaaaggaa taaattttct 150
gttactgacc ttctgcttaa tagtcttata gaaaaaggaa aggtgatgag 200
caaataaagg aactttttaga ctttacatga ctaggctgat aatcttattt 250
tttaggcttc tatacagtta attctataaa ttctctttct ccctctcttn 300
tccaaatcaag cacttggagt tagatctagg tccttctatc tcgtccctct 350

acagatgtat tttccacttg cataattcat gccaacantg gttttcttag 400
gtttctccat tttcacctct agtcatggcc ctactcatat cttctcta 450
ttggtcctga tacttgttgc ttccacgtt ttcccatttc cctgtggctc 500
actgtcttac aatcactgct gtgaaatcat gataccactt ttagctctt 550
gcatcttcct tcagtgtatt ttgttttc aagaggaagt agatttaac 600
tg 602

<210> 252
<211> 455
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 48, 251, 266, 352, 391
<223> unknown base

<400> 252
atttgtttgt ataataataat acatatacat agagggcgta taatataatg 50
gtagacaaag aatgcaggaa atgcccttat tcacacacc accaagcagg 100
cctcacccta aagacccagc aaaagtaaca aaagcacatt tgaaaccca 150
ggaagccagt aaaagtaat ctaaaggctg acagggtgtt cattattatg 200
tatgtgcaat ataaatcaaa ttcaaagctg ttctcttta aattttgata 250
nttataaaaa caggantgc catggaaat ttctttcccc ttactatata 300
attttattac tagaaggaaa agtaatagca atgataataa tgaacagact 350
tngtgtctt attacatttgc ttcccttagt tacctttaga ntgtcacttc 400
tgagttctt ctctgacatg ctttctttt ctcgtgaagc gtcttacatt 450
ctgac 455

<210> 253
<211> 461
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 6, 10, 30, 115, 198, 210, 229, 289, 291, 325, 333, 338, 377, 391,
401
<223> unknown base

<400> 253
aattttatn tacatttgcataatataatn tagtgcgtaa gaatatttcc 50
ccaagggtcag ttaagcaaga ttctttatgc atcatcatttgc ccatgaactt 100
tcaaacatag cgatnttgcataatataatn acaatgttta 150
ccttgaacag ttgtcaagtgcataatataatn aaggagttgg tatgtttnta 200
agcagttatn tacttgatct tttaatant ggggttaagg gaaacctgct 250

tacagcatca cctattttc attcaaatgg cacataatng ngcgttgta 300
acagttgtgt acctttgtgg gttnttttg ttntttgntt ttcttttga 350
gacagggttt cgttctgttg cccaaagtgg agtacagtgg ntgcgttc 400
ntgcaacctc caccggccag gctcaagtga ttcttcacc tcggcctcct 450
gagttatccgg g 461

<210> 254
<211> 497
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 191, 232, 304, 340, 342, 357, 400, 403, 423, 447, 476
<223> unknown base

<400> 254
cagcgaaatgt tggggAACNT gattcggcct ccatatgaaa ggccagagct 50
ccccacatgt ctctatgtaa ttgggctgac tggcatcagt ggctctggga 100
agagctcaat agctcagcga ctgaagggcc tggggggcggt tgcattgac 150
agtgaccacc tgggtcatcg ggcctatgcc ccaggtggcc ntgcctacca 200
gcctgtggtg gaggcctttg gaacagatat tntccataaa gatggcatca 250
tcaacaggaa ggtccttaggc agccgggtgt ttgggaataa gaagcagctg 300
aagnactca cggacattat gtggccaatt atcgcaaagn tngcccgaga 350
ggagatngat cgggctgtgg ctgaggaaaa gcgtgtgtgt gtgattgatn 400
ccnctgtgtt gcttgaagcc ggntggcaga acctggtcca tgaggtntgg 450
actgctgtca tcccagagac tgaggntgta agacgcattg tggagag 497

<210> 255
<211> 913
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 39
<223> unknown base

<400> 255
cattatcaac ccagcgccac tcaaacaggt ggacaatanc agttcggtcca 50
tattgagtat gtgggtcata ttgggcctct ctttctcga gagataaccc 100
agcggccgca aggggttcgg ggtgataata gatcaatgtg ttggaagtga 150
tggggatgga gaggcgagtc ccactggcga tccgcagcag gatgccatc 200
agagagaagc tggggctttc caggacagca tagaaaggct ccacccgggc 250
tggatgctcc aggaccatcc cttcattctt aaaatggca acgagaaacc 300

aggagacgtc cacctcacct tggagggaga tgaagtgggg gaggtggatt 350
tcggcgacag cctcctctgg ctctgcagtg acatcaaaca aggggcccgc 400
caccagccac tgttcatggt gctgcaggtc cagggccagg tgctgactcc 450
aggaaccaaa cgcaatcgtc actgtgacct catcccttac caggaagccg 500
aggcctgtgg ctgaccacag ataccagcca gcagtggga accaaacgct 550
gtatctgttt gtgctcttat caatcaactc aacatccaca ttcccttcag 600
gcccccagaaa ctgacgattt ttataatctt ctgcgatctc aaaacagact 650
ttagaagcat aagaggaaac tatttgattc tcttctgagc aaatgtctcc 700
tgaatcttgt ccctctgaag attcctgctc ttctgataca ctggaatgt 750
cccccccaaga tagttgacac tcaggaacag cacgaaacaa taatggctct 800
gcctctgtct catcatcttc ttggaaaaaa tgtgagcgga cgcgtgggtc 850
gaggtcgagg gatctctaga ggatccggcc agtgtggcct atcgatagct 900
tggagttgat tgt 913

<210> 256
<211> 518
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 28, 82, 190, 205, 355, 382, 445, 484, 491, 498, 502
<223> unknown base

<400> 256
tggggatcct tggaccttgg acccagggnt ccgtggacgc ttggtagaaa 50
gatggcggag caagagcaag gaaaaatccc tntggttcca gaaaatctcc 100
tgaaaaagag gaaggtttat caagccctca aagccaccca ggcaaagcag 150
gcacttttgg caaagaagga gcagaagaaa ggaaaagggn tcaggttaa 200
gcgantggaa tcatttcctac atgattcctg gcggcagaaa cgtgacaagg 250
tgcgtctcag acgactagaa gtgaaacctc atgccttgg aattgccagat 300
aaacattcct tggccttgt tgtacgcata gaaaggattg atggcgtgag 350
tttantggtg cagagaacca ttgcaagact tngcctaaag aaaattttta 400
gtggtgtctt tgtaaaagtc accccccaga atctaaaaat gctgngtata 450
gtggaacctt atgtgacctg gggatttcca aatntgaagt ntgtccgnga 500
antcattttq aaacqtaq 518

<210> 257
<211> 301
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 44, 55, 60, 81, 172, 194, 225, 268, 279
<223> unknown base

<400> 257
tggccagaat gtgaatgtat tgaatggagt gagagaagaa atgntgtggc 50
atctnttgtn gcaggtatat tgaaaaaac nggctggtgg ataatgattg 100
atgcagctgt ggtgtatcct aagccagaac agttgaacca tgccttcac 150
acatgtggtg tattttccac antggcttc ttcatgataa atgntgtatc 200
caatgctcag gtgagaggtg atagnatga aagcggctgt ttaggaagaa 250
caggtgctcg agttggntt ttcattggnt tcattgttgc gtttgggtca 300
c 301

<210> 258
<211> 545
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 18, 34, 61, 114, 157, 190, 193, 201, 280, 331, 389, 403, 422,
428, 488
<223> unknown base

<400> 258
atcatatggg cacaatntg gtgtcctta tggngaaaac ctcaagtaaa 50
agttttattc ntgccttga aaatggttcc aaaagttagac cctgtcccc 100
cacaggtcaa gacnacagag aaggcttgc agaaatgtgt cacctatgta 150
cacctgntac ttacacattt cctctttgg aaaaatgagn tanttagaat 200
nacaagaaaa ttaagacata ctggcctggt gccagcagat ggctttcta 250
tagacaaact aggttagtgc ggaagattn ggtaaaaata aactatgctg 300
ttttatttat cttcccaacc tgattggcag ntagacttt ttagggtctc 350
atttaatggc cctgttttt tcattattat atttaatgnt agggcaggat 400
ttngtatgca agctcttgc tntcaggnngt cctgcagaag aagtcgctat 450
aaattatctg ttgtctacat ggtacaaggc ccattgantc atctgatgct 500
tgtttgtta atttcttaa tattttatc acggggcagt gggag 545

<210> 259
<211> 535
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 12, 27, 30, 35, 177, 190, 212, 238, 272, 303, 386, 514
<223> unknown base

<400> 259
aatggcggtg tntacagtgt tctgganttn gtcgntgatg cttgctctgt 50
caaggcacag cctattgtct ccttgctca gtgtgacatc attcagacgc 100
ttttacagag gtgacagccc aacagattcc caaaaggaca tgattgaaat 150
cccttgcct ccatggcagg agagaantga tgaatccatn gaaaccaaaa 200
gagcccgct gntctatgag agcagaaaaga gggaaatntt ggaaaagtgc 250
caggtagtgg agtaaaaaaag gngacagttt attttttat tctatgtgca 300
canttacagt atacatatat atttatatac caatttacga aaccaaaaag 350
ttgagttcc aatggaaccc ttgtttta ataatngact ttttaatgt 400
gatcaagact ataatattgt acagttatta tagggctttt gggaaagggg 450
aggatagcga gaagatgctc tgggggtttt gttttgctt ttccttcagg 500
gttttatttt tgantgtttt gttttcttgt tggcc 535

<210> 260
<211> 519
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 11, 69, 150, 224, 229, 254, 354, 371, 396, 420, 429, 433, 475,
483, 486
<223> unknown base

<400> 260
tggatttata nttttcttct atgttagttac tataaaagtg tgctggattt 50
gaccaatcct taccccccant ataaagagaa cccgtgatga cttagttta 100
aaaattgtgg aaattgtgga gcaatttttc tcacaatgtg agaaaaattn 150
taaaccatat tagataatgt ggaagtctata ttgtctatca tatatactgc 200
catttaaaaa taggtttta aaanttagnt aagtcttaag taatttgcgg 250
ttgntaataa ttttatctcc ttgagtcggt tggtggggag agatgttata 300
ttcaataatt ttttagttatt ttgtaatgca gagtgtttat tcatttcaca 350
gttntgcaat ggatgttagta ntgggatt gccctgtcca gaaaantttc 400
aggtacacac cttaaaggn aaatgttnt atntcagatg aaacatgtaa 450
tttggatgg ttcttcctt gtcantaaa ggnagnagg aaaagtctct 500
tacccacttt aaacatgag 519

<210> 261
<211> 407
<212> DNA
<213> Homo Sapien

<220>

<221> unsure
<222> 30, 40, 58, 102, 104, 148, 171, 190, 201, 226, 243, 295, 302,
332, 360, 380, 383
<223> unknown base

<400> 261
tctgtggta acggggcat cttaaatgn ttggccgtgn ttgccctg 50
atccccacntg agaaccatgc tcaccgaccc tggggcagta cccaaaggaa 100
angntacgaa agaatacatg gagagcttgc agctgaagcc cggggaantc 150
atttacaagt gcccccaagtg ntgctgtatt aaacccgagn gggcccacca 200
ntgcagtatt tgcaaaaagat gtatnngaa aatggatcat cantgcccgt 250
gggtgaacaa ttgtgttagga gaaaagaatc aaagatttt tgtgntcttc 300
antatgtata tagctctg 50
ttcagttccatn tcctgtgtcc gagggcagtn gantgaatgc agtgat 400
caccc 407

<210> 262
<211> 513
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 35, 37, 64, 182, 211, 263, 329, 398, 410
<223> unknown base

<400> 262
cattcttgaa ccacttaatc ctctttgac aacantngta gaacagaatc 50
ctgaagatat gggngaccta tacctagatg ttgctgaagc ttttctggat 100
gttggtaat ataattctgc acttccctc ctcagtgctc ttgttgctc 150
tgaaagatac aaccttgcag tagttggct tngtcatgca gaatgtttaa 200
aggccttagg ntatatggag cgagctgctg aaagctatgg caaggtgg 250
gatctggccc cantccattt ggatgcaagg atttactttt ctacccttca 300
gcagcagctg ggccagcctg agaaagctnt ggaagctctg gaaccaatgt 350
atgatccaga tacttagca caggatgcaa atgctgcaca gcaggaantg 400
aagttattgn ttcatcg 50
ttctgttgc tactctgttgc ttttcacaag gcaaaatgt 450
ttgttatgtg gataccttac ttactatgtt agccatgctt taaaaggtag 500
caatgaatcg agc 513

<210> 263
<211> 650
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 37, 62, 71
<223> unknown base

<400> 263
ttgagacctg gatgaacaaa tttatatcct ttcccttngag gaagaagcac 50
tccagagacg antaaatggg ntgtttcat cggtggaata caacataatg 100
gagttggaac agaacttgaa aatgtaaaga ctcttaagac aaaatttagag 150
aggcgaaaaa aggcttcagc atggaaaga aatttggtgt atcccgtgt 200
tatggttctc cttcttattt agacatccat ctgcgtcctc ttgggtggctt 250
gtaatattct ttgccttattt gttgatgaaa cagcaatgcc aaaaggaaca 300
agggggcctg gaataggaaa tgccctcttt tctacgtttg gttttgtggg 350
agctgcgttt gaaatcattt tgattttcta tcttatggtg tcctctgttg 400
tcggcttcta tagccttcga tttttggaa actttactcc caagaaagat 450
gacacaacta tgacaaagat cattggaaat tgtgtgtcca tcttggttt 500
gagctctgct ctgcctgtga tgtcgagaac actggaaatc actagattt 550
atctacttgg cgactttgga aggttaatt ggctggaaa tttctatatt 600
gtattatcct acaatttgc ttttgctatt gtgacaacat tgtgtctgg 650

<210> 264
<211> 441
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 79, 106, 160
<223> unknown base

<400> 264
tttttttgtt agagatgggg ttccgcattt ttgcggaa tttttttttt 50
ctcccggtt caagtatcc gcctccctng gcctcccaaga gtgtttttttt 100
tacagncacg gaccaccatg cccagcctcc acatctttt ttgcactgtg 150
tatactctttt tgagacatgc caacttcctc caggtcaaga aagggtata 200
tagctctcag cttcactctt tcagggtttt tgtcgtttt gcctttttttt 250
acttcactga cctgtctatt cctacaactg tcttttttca gagaaggctc 300
aatgatcagg attgacagggc cacactctcc cccaccattt tttttttttt 350
cttcaaggctt cttgtctgtt tcaccctttt ccacccgtttt gggtttttttt 400
ttatttgact cttcacctga attgacacctt ttccttcccc c 441

<210> 265
<211> 201
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 21, 39, 67
<223> unknown base

<400> 265
tgagatcttt ttctctaatt ntcagaagtg tttcaatgnt attaattcat 50
tatttcctcc tctctgnntt tttttaatt ccctgtctgg ggaatcctgt 100
tatcctgata tgagcactct acttcttattc tccatagcac ttagctcctt 150
taaaaatatt ctcttgcgtc tctacttctg cttctggga gagtttctca 200
g 201

<210> 266
<211> 301
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 94, 128, 146, 167, 232, 257
<223> unknown base

<400> 266
tttttttttc aagtcttgat ttgtggctta cctcaagtta ccattttca 50
gtcaagtctg tttgttgct tcttcagaaa tgtttttac aatntcaaga 100
aaaaaatatgt cccagaaatt gagtttntag ttgcttgtat ttggantcat 150
ttggggattg atgttntagc actatacttt tcaacaacca agacatcaa 200
gcagtgtcaa gttacgtgag caaatactag anttaagcaa aagatatgtt 250
aaagctntag cagaggaaaa taagaacaca gtggatgtcg agaacgggtgc 300
t 301

<210> 267
<211> 700
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 61, 67, 132, 134, 150, 183, 194, 197, 238, 355, 424, 431,
449, 465, 470, 478, 507, 509, 523, 527, 529, 533, 560, 578, 614,
644
<223> unknown base

<400> 267
ggcccaagat tgcgaaattg aggcnccaag gaggccgaga cggactgaag 50
catttcaagg ntccggnggg ttcccatgat ttgaacggag tcgtttcccc 100
taatgggtgt tttgacccccc atcccggtgc tnangtggtt tttccccatn 150
atcgcccaac atgggcattt gaaatccaca ggngtcattg ggantngcg 200
ggcccttaat ttgtttcaga caggccggga gggcagtnlg gccagaagga 250

ttcttaagta actgacccag ccctttgccccc ccacccttgg ggtaccgaga 300
catggtagg gattagaggc aagagtggag agtcagacca tccaggaacc 350
acatnnttgg accttcagaa ggaggacaac atggccttg gaaagcctgc 400
caagtactgg aagttggacc ctgntcaggt ntatgctagc gggcccaang 450
catggacac ggctntgcan gacgcctntg aggagtacaa gcaccgcattg 500
cacaatntnt gctgtgacaa atnccantng cangtggcat tggccctgaa 550
tctgatgcgn tacaacaaca gcaccaantg gaatatggtg acgctctgct 600
tcttctgcct gctntacggg aagtacgtca gcgttggggc cttngtgaag 650
acctggctgc ctttcattcct tctcctgggc atcatcagcg gccggcgtaa 700

<210> 268

<211> 253

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 49, 120, 181

<223> unknown base

<400> 268

gaatctgttt ccaaaaaaaaaa aagctttaag aagtcttttag atttacagnt 50

aagcatattt taaaatactat gtgatgaatt atttctctta tgttaaaaaaa 100

aatattaatt tggacccaan tatgactgtg ggtattctgc ccaggaaaga 150

agagcttagga ggtttaaacc ttaccttggga nttgctgctt tgttttctat 200

gccttcttga cagaaggatt tatttcactt ccgaaatatt agccataatg 250

ccc 253

<210> 269

<211> 659

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 20, 33, 58, 200, 240, 403

<223> unknown base

<400> 269

cactaggaaa aattgaaatn ctattggaaa ttnttttggc cacaaaggta 50

aataggtna ccaggggaaa caggcatcaa gaaaattgcc ccaattttta 100

aaacaatagg gttatttgag tagttgagtt taagaaatga aaaccacaaa 150

ttttgggtgga acttaaacac cacagtctat ttgtgtgtaa tttctcaggn 200

tttattatag ttcatacgataa aatcaatttt ccatgtctan tttgttttc 250

ttcaacaagt gatctatctt ttacaaaagg gaatattttg ctggagaaat 300

gctcattgtt tcccttctgt atgtcttgaa gggtaatgct aaaagcaagc 350
tcaaattca aaatatgtta tttttaaaat attttatata ggatttggta 400
aanttatagt tttcaaggat tgtctttgt ttctttggat tctgattaag 450
tgattttaa tgtattcctt taaaaatatt tattggcaca ttgtatttgt 500
acatattgtat gggataaaaat tgatgcttct gtacatataat atttggcata 550
atcatcaaattt ttgggtattt agcttattca tcacccattt catttatcat 600
ttcttatgg tgagaacattt caaaaagtctc tcttccagct atttataat 650
atattatac 659

<210> 270
<211> 628
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 51, 106, 111, 120, 140, 378, 513
<223> unknown base

<400> 270
ttcggaaagaa gcacccaga gggattaagc tcctgagaat gttacctgca 50
ntatacctga tggcggtgccat atagatatca cagtgaagtt gatgggttttc 100
ccttgnacat ntcaacattn ttgaaccact taatcctctn ttgacaacac 150
tagtagaaca gaatcctgaa gatatgggag acctataacctt agatgttgct 200
gaagcttttc tggatgttgg tgaatataat tctgcacttc ccctcctcag 250
tgctcttggtt tgctctgaaa gatacaacctt tgcaagttt tggcttcgtc 300
atgcagaatg tttaaaggcc ttaggctata tggagcgagc tgctgaaagc 350
tatggcaagg tggttgatct ggccccanc catttggatg caaggatttc 400
actttctacc ctccagcagc agctgggcca gcctgagaaaa gctctggaag 450
ctctggaacc aatgtatgtat ccagatactt tagcacagga tgcaaatgct 500
gcacagcagg aantgaagtt attgcttcat cgttctactc tggatgttttc 550
acaaggcaaa atgtatggtt atgtggatac cttacttactt atgttagcca 600
tgctttaaa ggttagcaatg aatcgagc 628

<210> 271
<211> 585
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 71, 76, 86, 91, 162, 220, 269, 281
<223> unknown base

<400> 271

tggttttgc cccataaaatt ccctcagctt gagcagttt gtaaggaatg 50
aggttacaga ttcaggaatt ntaggnccctc aacctntaga ntttgtccca 100
aatgttctcc gacatgcagt agatgggaga caagaggaga ttccctgtgg 150
catcgctgca tntgaagaca ggcttggggg ggccattgca gctataaaca 200
gcattcagca caacactcgn tccaatgtga ttttctacat tgttactctc 250
aacaatacag cagaccatnt ccggtcctgg ntcaacagtg attccctgaa 300
aagcatcaga tacaaaattg tcaattttga ccctaaactt ttggaaaggaa 350
aagtaaagga ggatcctgac caggggaaat ccatgaaacc tttaacctt 400
gcaaggttct acttgccaat tctggttccc agcgcaaaga aggccatata 450
catggatgat gatgttaattg tgcaaggtga tattcttgcc cttaacaata 500
cagcactgaa gccaggacat gcagctgcat ttccagaaga ttgtgattca 550
gcctctacta aagttgtcat ccgtggagca ggaaa 585

<210> 272
<211> 616
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 23, 80, 86
<223> unknown base

<400> 272
ccggaaaacca tgaggtaatg ccncaatggc atattgtaaa tgtcatttta 50
aacattggta ggccttggac atgatgctgn attacntctc tttaaaatga 100
caccccttcct tcgcctgttg gtgctggccc ttggggagct ggagcccagc 150
atgctggga gtgcggtcag ctccacacag tagtccccac gtggcccaact 200
cccgccca ggctgctttc cgtgtcttca gttctgtcca agccatcagc 250
tccttggac tcatgtacatg agtcagaagc ccaaaggaat tgcactgtgg 300
cagcatcaga cgtactcgac ataagtgaga ggcgtgtgtt gactgattga 350
cccagcgctt tggaaataaa tggcagtgtt ttgttcactt aaagggacca 400
agctaaattt gtattggttc atgttagtcaa gtcaaactgt tattcagaga 450
tgtttaatgc atatttaact tatttaatgt atttcacatctc atgtttctt 500
attgtcacaa gagtacagtt aatgctgcgt gctgctgaac tctgttgggt 550
gaactggat tgctgctgga gggctgtggg ctactatgtc tctggagagt 600
ctggtcatgt ggaggg 616

<210> 273
<211> 637
<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 26, 44, 60, 107, 114, 234

<223> unknown base

<400> 273
tgaagttgaa ttgaatgata tgaggnttt cttcccaag gtcnaccagg 50
accaagattn ttttatagtt ataagccttg aaagaaaattc ttgcaaggtg 100
ttggacnctt actnaagcag agaagatgtc cttgaaaact cagaaacgaa 150
ccttggtaca gaaaatcagt atttaaggcc cagaacttat tgaaagcgca 200
atgtacttct accgtgccac gggggatccc accntcctag aactcggaag 250
agatgctgtg gaatccattg aaaaaatcag caaggtggag tgccgatttg 300
caacaatcaa agatctgcga gaccacaagc tggacaaccg catggagtcg 350
ttcttcctgg ccgagactgt gaaatacctc tacctcctgt ttgaccac 400
caacttcatc cacaacaatg ggtccacctt cgacgcggtg atcaccctt 450
atggggagtg catcctgggg gctggggggt acatcttcaa cacagaagct 500
caccccatcg accctgccgc cctgcactgc tgccagaggc tgaaggaaga 550
gcagtggag gtggaggact tcatgaggaa attctactct ctcaaacgga 600
gcaggtcgaa atttcagaaa aacactgtt gttcgaa 637

<210> 274

<211> 697

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 26, 59, 66

<223> unknown base

<400> 274
tatgggcata gaaaaccctg gaaagncca tccaccatta tatatacgat 50
gattgtctnt gcttgntgag ctaacagggg tgtcaagctt ccatttttgt 100
atctacttct aaatacactc agaccaggag aaatttggac taatttcaa 150
actacagaca ctttctaattc atgatgcatt tcaaaaatgg actcgaatta 200
actgagttgc aaaacatgac agtgcggag gatgataaca ttagcaatga 250
ctccaatgat ttcaccgaag tagaaaatgg tcagataaat agcaagttt 300
tttctgatcg tgaaagtata agaagtctca caaacagcca tttggaaaaa 350
aagaagtgtg atgagttat tccaggtaca acctccttag gcatgtctgt 400
ttttaaccta agcaacgcca ttatggcag tggattttg ggactcgcc 450
ttgccctggc aaacactgga atcctacttt ttctggtaact tttgacttca 500

gtgacattgc tgtcttatata ttcaataaaac ctccattga tctgttcaa 550
agaaaacaggc tgcattgggt atgaaaagct gggggaaacaa gtctttggca 600
ccacagggaa gttcgtaatc tttggagcca cctctctaca gaacactgga 650
gcaatgctga gctacctttt catcgtaaaa aatgaactac cctctgc 697

<210> 275
<211> 621
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 48, 82, 136
<223> unknown base

<400> 275
tgggacacgg gttacccaa gngcagcgct ggcaaggcct tcattatntc 50
ggtgtgtct acgtgaccaa ttcccacctg gntggggcaa ggtctacttc 100
gcctatttta ccaacacgtc cagtttagt acacgnacgt gcccttccac 150
aaccagtatt cccacatctc gatgctggat tacaaccccc gggagcgccgc 200
cctctatacc tggaacaacg gccaccagg tgcctacaat gtcaccctgt 250
ttcacgtcat cagcacctct ggggacccct gagccaatgc tgtggctcg 300
gctgctgcct ggggggcctc cgggggctgg gggccctttt cattctgcct 350
gtgtccctca agggtgatct ctctgtctct gtcacgcctt ttctccccgc 400
ctttttgtg ggctttgtt ctctgcctat gtatttctgt ctatttttc 450
aatttccctt ctctccctt attgatctct gcttttaata caccacccct 500
ttctttctgc cttttatgg atgtctttt cttttatgg ctctggctct 550
ccagttcttt cctgtctgc ctctctctgt ctctctctct ctgtccctcc 600
accctccctt cttgcctcc c 621

<210> 276
<211> 570
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 5, 28, 71, 73, 86, 126
<223> unknown base

<400> 276
cgaangcgtg ggtgtgcattc cgggtgtntg aaggctgtgc ccgtttgtt 50
tcttggctaa aatcggggga ntnaggcgaa ccggcncggc ggcacacccgg 100
gctccggAAC cactgcacga cggggntggaa ctgacctgaa aaaaatgtct 150
ggatttcttag agggcttgag atgctcagaa tgcattgact gggggaaaa 200

gcgcaatact attgcttcca ttgctgctgg tgtactattt tttacaggct 250
ggtgaggattat catagatgca gctgttattt atccaccat gaaagattc 300
aaccactcat accatgcctg tggtgtata gcaaccatag ctttccta 350
gattaatgca gtatcgaatg gacaagtccg aggtgatagt tacagtgaag 400
gttgcgttggg tcaaacaggt gctcgcat 450
ttggccttgcatg tgcatttatg tggattctt ttggaggta 500
tgttgctaaa gaaaaagaca tagtataccc tgaaattgct gtattttcc 550
agaatgcctt catcttaat 570

<210> 277
<211> 642
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 21, 34, 50, 124, 264, 266, 305, 307, 334, 424, 458, 501, 582,
613, 638
<223> unknown base

<400> 277
agttccctt aaattgggt ngggtgtta agcnctgaaa atatcttcn 50
tgattactt accatgtgga catatggat aaatactgta tttcagattt 100
acataaaaagt agattagtaa tgcncagctt tcagaataaa aactgataaa 150
aaagaccaag cactatcaac tttggacagt aatttcttag gtgttaaaca 200
agtttctga atacaatctg gatgcaaaac ggctgattt gatgaattca 250
taattttctt ctgnanactt tcattttatt aaatattta ttactggtt 300
aaacncnaga attatctatg taaacttcat gggnttttt gttgaaagtt 350
agatgttcag taactaattt cccagttatg gcccagaatt aaacatttat 400
gatcatattt cagaagtcaa aatncaaaac tggattatca aaacgggtgg 450
tgtggtcnct ttaaactgga ctatcagtat ggttgccgtg gtcactttaa 500
ncgggattat cagtacggtt ggtgtggta ctttggtttca tcatcaatac 550
agttgggtgtg gtcactttaa actggattac cnatatggtt ggtgtggtcg 600
ctttaaagtt tgntttcatt ttttctatt tttaattntt ac 642

<210> 278
<211> 434
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 146, 162, 199, 203, 225, 245, 271, 286, 298, 323, 328, 359,
368, 431

<223> unknown base

<400> 278

ttgggttttc tgccctgng tttagtttgc gacttaagag gatacagact 50
tgaggatataa tttgtcttag tcagtttgtt gttgctataa cagaataacct 100
gagacttagt aatttataaaa aataaaagttt atttggctca tgattntgga 150
gctggaaagt cnagattggg cagcccatat gatgagggtt gcacactnt 200
tcnatttatg gcagaaagtg gaaanggaag caggtgtgtc caaanagaca 250
tgcaggagag gttggagtca ntgctcttc aggaantaat tcattctnta 300
gagagtgaga actcacttaa ctnttgcnag agggcattaa tctattcacc 350
catgaaacna acaccctnca gtagactcca ccatttaaca ctgccatatt 400
ggaaatcaaa tttcaacatg agttttggca nggg 434

<210> 279

<211> 335

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 140, 178, 241, 244, 247, 264, 314, 321, 326

<223> unknown base

<400> 279

cctttggaaa ctgggattaa tgtatgctct agatccattt attagaaatg 50
caaaaaatact acaattttt gatggatgaa aataactctg taacacaaac 100
agagaactgg aggaactgaa gaataactca ctcatatagn tctgcctcat 150
tctgtgtgtg tgtgcattgtg tgtgttanca gaggtatttt actcagaaaa 200
taggtttcaa agaacattaa tgactttctt ttccctttta ngtntgnnta 250
atcagttaaa ctgnatggg aaaagttta tagaactata taacctgaat 300
gttggtctct ttgnacacat nttnntatg actgc 335

<210> 280

<211> 254

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 29, 135, 140, 143, 163, 190, 207, 209, 219, 221, 241

<223> unknown base

<400> 280

tgtggtccta atatcataga tcacttana tgtgatttgt ttcagttgtt 50
gacacttgcc tgcacggaca cccacatcct gggcctttta gttaccctca 100
acagtggat gatgtgtgtg gccatcttcc ttatnttaan tgngtcctac 150
acggtcatcc tangctccct gaagtttac agctttaan ggccggcacaa 200

agccctntnt acctgcagnt nccacacctac ggtggttgta ntgttcttg 250
tccc 254

<210> 281
<211> 402
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 96, 205, 265, 331, 334, 337 .
<223> unknown base

<400> 281
tggttccagg tcaccatcct tagcntcaaa ttcataaaaat gggtgcttct 50
acctccagcc tgatatcctt gtgatggca ggcagaacca gggctntaag 100
gaaaggagcc agcacactgta tcaagaagcc aaagccttcc ctgaaatctt 150
tagcagacgt ctgcttgtga ctattggct agaactttgt gacatggcca 200
ctccntgctg caaggacatt tacagtttt cagttggcc cattgccacc 250
ctgagcaaag ggtcnataag gaagaagacg gagagtggac atgttggca 300
ttcacctgcc agcactccat ccagacagcc ncanaantgg tggtaaaca 350
gagacagcat acattcactt atcaactgtt tagtaaattc ctggcatggg 400
ca 402

<210> 282
<211> 515
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 56, 176, 217, 231, 253, 282, 287, 337, 350, 352, 364, 403, 452
<223> unknown base

<400> 282
agccccagatc caggaaccat tcctatttca ggatttgaa tgcaaaaactt 50
accttnttac tctaaagatg aatgtcaggg agagatttat tcaaccctga 100
gatTTTGCA gtctccttca gagtcacaga atagattaag gcctgatgat 150
actcaaaggc ctggaaaaac tgatgncaaa gaattttcag tgccctggca 200
cctcattgca gtgactnttg ggatcctctg nttacttctt ctgatgatag 250
tcncagtgtt ggtgacaaat atctttcagt gnattcnaga aaaacatcaa 300
cggcagggaaa tttaagaaaa ctgttagtgaa aagtacntca tgcaaaaatgn 350
cnactactta aaanagcaga ttttgacaaa taagacttta aaatatgacg 400
ttntcaaaaa tagctttcag cagaaaaagg aactggattc acgccttata 450
cnaaagaaca gatgtcatag agaaaaatgag atcattttta aagtttgca 500

aaatacaggc aaatt 515

<210> 283
<211> 433
<212> DNA
<213> Homo Sapien

<400> 283
aggaatgacc ttcctcaggg ggctgaggat accccacagg ctcctttct 50
ctccagctcc agggtttgac tatgcaccta tttagggct gcttgctcaa 100
gggagagagg tacaggaggt ggtctggaa aaacaaaatt gatcttccta 150
tcaattgtat ttttgttag cgaaatctat acacacccat ttctttggat 200
attatttcca gttactccag ctaatccaaa taatgatatt tgccctcagt 250
taagaacaga ttttattttt aggaacagaa gtcttagtagc agttttgctt 300
tttattaacg tttaaggaa catttacctt agatatcatg attcttggc 350
atttgcaaaa tgcagtcaat atcaaacagc aatggttgct tgtttatga 400
tcggtcagaa tttgtccctt atattaattt cag 433

<210> 284
<211> 496
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 83
<223> unknown base

<400> 284
cccccgagtt tctgtcgag gttgcgagga aaggccccta ggctgggtct 50
gggtgcttgg cggcgccggc ttctcccccg ctngtcctcc ccgggcccag 100
aggcacctcg gttcagtca tgctgagcag agtatggaag cacctgacta 150
cgaagtgcta tccgtgcgag aacagctatt ccacgagagg atccgcgagt 200
gtattatatc aacacttctg tttgcaacac tgtacatcct ctgccacatc 250
ttcctgaccc gttcaagaa gcctgctgag ttcaccacag tggatgatga 300
agatgccacc gtcaacaaga ttgcgcgtcga gctgtgcacc tttaccctgg 350
caattggccct gggtgctgtc ctgctcctgc ctttctccat catcagcaat 400
gaggtgctgc ttccttgcc tcgaaactac tacatccagt ggctcaacgg 450
ctccctcatc catggcctct ggaaccttgt ttttctcttc tccaac 496

<210> 285
<211> 566
<212> DNA
<213> Homo Sapien

<220>

<221> unsure
<222> 12
<223> unknown base

<400> 285
attagattt gnatctttc ccatcaatca tgaatacata agtaatatt 50
ttatagttgg aaagcattgc ttaatatatt gaatcaataa aaatattgat 100
ttcatatatatt taattttat aatcttaca gattacaata ctgtgatgag 150
actgttcctg taactttga tccacacaca gaatttcttg gtcctcagaa 200
aaaaacagaa caagtccaaa gagacattgg attttggtgt ccaaggcatc 250
ttaagacttc tggggacaa ggatataagt ttctggaat tgaccagtgt 300
gcccctccat gccccaaacat gtatttaaa agtcatgagc tagagttgc 350
aaaaagttt attggaacag tttcaatatt ttgtcttgc gcaactctgt 400
tcacattcct tacttttta attgatgtta gaagattcag atacccagag 450
agaccaatta tatattactc tgtctgttac agcattgtat ctcttatgta 500
cttcattgga ttttgctag gcgatagcac agcctgcaat aaggcagatg 550
agaagctaga acttgg 566

<210> 286
<211> 570
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 7, 46, 111, 121, 176, 185, 212, 221, 236, 239, 267, 308, 329,
371, 393, 399, 405, 412, 417, 423, 427, 486, 490, 495, 517, 524,
531, 533, 544
<223> unknown base

<400> 286
cgtaanacg agcctgccag taaatgtgc catcatgttc agtaangggcc 50
ttgcaaaaca gattaccct tcacccctt acttaattgt ctacctatga 100
atcatataatg ntgggtttt ntttaattc tgtgataggt agggaaaggat 150
ggaaactcctt ggcagactag tggtaaaag ttttngaagc agggtgagtc 200
ttgtacctt gnggtcctgt ntcacagaca cctgtntant ccctgaccct 250
tttaaatggt aactttntgc ctgttaggaaa tttccctt gtgcttaggt 300
cttttcntc tgtgagctt agataaacna cctagtgtt aaactttta 350
ataaggatt catttttaa nacatgagaa ttcatttcaa aantttggnt 400
ttagnatatt antttantct acntggntct tttcagaca gatgttctct 450
cctggattgt aaaagtcgaa ttcaaaggat ttttanta gn aatanactta 500
acctttctct tgtaagntgc catntgtgta nanacagctt tgantgcctg 550

acaagaggaa aatgttccc 570

<210> 287
<211> 556
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 40, 80, 179, 195, 203, 263, 304, 310, 313, 427, 437
<223> unknown base

<400> 287
aactgtctt aatggcccag ttttaccagg gcttgttgtn taaggacatt 50
aacttgtgct cccctcaggg atgggtttan tactagctgt cagaaagcta 100
ttgggtatcc taatgtgtta atagctgaaa ctcagctgta atttctccta 150
aataacttcag cattttgcatt tctgtacant gtggtgctt ttccnccttg 200
tantgttcta actgtaagct cctagggggc agcaatttgg ataaatcttt 250
tggtaagtag ttntcaataa aatatcttcc ctccccatac ccctaccgga 300
aatnttatan tgntctttac aaaactttgg tcaagagtag aaatatatcc 350
aggcagatgt atatgccata caatagcaag aacagtaaag cccaaactaat 400
gattttgagt tttaaaaata gaaggcnatt aaaatgnact caaagttaca 450
ttaagaaaaag ctittcacggg ggtaatattt aacagtcac aaaggttaag 500
aaaatactga tagcagttt tgtctatttt aacattgttag tcatttgcac 550
tttgat 556

<210> 288
<211> 594
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 73, 113, 215, 252, 257, 263, 267, 269, 277, 287, 293, 297, 302,
310, 457, 506, 521, 554, 584, 591
<223> unknown base

<400> 288
ggattttcggt aagtagttt aagatagtca cattttaaaa atttaagatc 50
aagcaaatga agcttatttt tangtattca tagtataaaa gaccttcagt 100
aaataggtaa tantttgtt ttattctaga aaacagctcc ttgaacacag 150
tgagctggct ttccacacat tgcagttgtt agtgttact gcccttgcca 200
ttttaattat gaggntaaag atgttttga caccgcacat gtgtgttatg 250
gnttcntga tangctntng acagctnttt ggctggnttt ttngcanagt 300
tngtttgan aaggttatct ttggcatttt aacagtgtatg tcaataacaag 350
gttatgcaaa cctccgtaat caatggagca taataggaga atttaataat 400

ttgcctcagg aagaactttt acagtggatc aaatacagta ccacatcaga 450
tgctgtnttt gcaggtgcca tgcctacaat ggcaagcatc aagctgttta 500
cacttnatcc cattgtaat natccacatt acgaagatgc agacttgagg 550
ggtnnnacaa aaatagttt ttttacatat agtnnnaaat ntgc 594

<210> 289
<211> 713
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 70, 96, 106, 113, 119, 134, 227, 299, 384, 421, 430, 454, 464,
546, 556, 561, 597, 616, 622, 667, 673, 712
<223> unknown base

<400> 289
tcccttaatt ccatagaccc cgaaggggtt ttcccggtt ggaatccatt 50
aaatccgggc cagggcttgn tcccgtggtt taggattggg ggttanaaat 100
aaaaantcag gtntattttt taccagtcag tacnattttt aaagaatgta 150
cttggtatat aatatatgga cttaggaac tttattgggg tgggggggtta 200
attttgcctt accctgttca ctttcanatg attaggctt tgcaacttag 250
aatgagaaac ttgtgacggtt agtgtgttct tactagctt aatttgtag 300
tagcaatgaa ttgtgaatct tagtgcagtg ggtttttta aaaaactcaa 350
aaagctggaa attaagtggt ttcaagtaata atgntataacc gaggtgctt 400
cattgtattt cataattttt ntacaaacccn aaattttttt taatgagaac 450
agtnttgggt tcanaggtgt gatgccagaa tgtattttcg tactgttagg 500
cccttggaaac agatatcggt gcttttgaa agatgaaaga aatgcnatgg 550
gtgctnttca ngcaagggttg caaaccttacc aagaatgcat aatagntca 600
cttttccccca ataaanagat gngtgtgact agttttggac tttaacctt 650
aatgggggtt gcatgtntcc tantgttaat cattgtcagc tgcaagtgaca 700
tgatccacag tnc 713

<210> 290
<211> 687
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 26, 38, 49, 71, 81, 191, 257, 270, 276, 323, 343, 385, 407, 416,
436, 463, 468, 501, 533, 544, 557, 569, 576, 579, 588, 591, 594,
600, 605, 649, 682
<223> unknown base

<400> 290

gacttggaaag aattggacct agtggntaga cccaaggnc aaagccaana 50
attcggtgggg ggcccaggaa ncaggaggc ncatgggatt ccagacataa 100
gatcaggttt taacccctt tggcccaa at tttggctgaa aatgttgaat 150
tatcaactct gaaattaaaa agaaagtta tattaaaaca ntgcaatttt 200
ccttagaatt tctgtatata ttaacatcat gaatgataaa ttctcttcaa 250
tgtgcangtc aggttttgn acttgnatat caaatctatc tgtgtgtatg 300
aagtgtatgt ttattgaaat acnagatatt taagaagctg atntggaaag 350
ttggattttc attctagttc ctaattccca gaggntttt taaaggaagg 400
gaatgtntgt ggtacnccag ttgtcagctg ggtggntact ggatcatctt 450
tcttttatca acnagatnaa ctatcaactt caccagcatc atgaaccttg 500
ntgccgtaaa aaggagttca ctacttctgt tcncttgag tctnttcaaa 550
tggattntgt gtcctcctnt ggagtntng ccatttang ntntgactn 600
ttccnctaag ccagagaatg atgatggagg aaattatgaa atgtcacnc 650
gaaaatttgt ttttcgacct gaactgtttg angtcac 687

<210> 291

<211> 673

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 27, 34, 66, 97, 187, 229, 263, 309, 314, 346, 397, 448, 451, 463,
487, 491, 536, 563, 575, 608, 618, 625, 636, 656, 666

<223> unknown base

<400> 291

aacccatggg gccaaagtcaa aagccncag gttntccagg caagggcatg 50
ggcatgggt taggancagt gaacctggaa gtaatcccag ccctgengtc 100
attagtgtgt tacctcaggt aaaggggggg aaccctacag gactgttaca 150
aggattaaat gaaggaattt aagtgtgtgc atgtatntgg catgtagaaa 200
atacagtgtg gtggggagag aacagattnt agaaccagac tgccctgagtt 250
caaatcccag ttntgctgct tcctggctgt gtgaccctgg gcaaatcact 300
tagcctgtnt gggnttcaga tttctcatct gacaatgaag ataatnaaat 350
acctatctt atgggtttagt taaggattaa atgaattgaa ataaagnttt 400
tagattaata cttgatatgc tacataggtg tcagccattg ttaatcancg 450
ntgtcattat agntattatc aacatgatta tttgctntaa naggaactca 500
ggcatttgca ggggtgtgggg aaccctgagc tgggtntccc ctgttgggtg 550
ttgtgtcccc atnataaccct taggncaacc caggtcaggt cagggggatg 600

tgccatntt ttcctgggcc aggtntgtaa ggccancagc tttgcctcat 650
acgtgngcag caggtnat tgg 673

<210> 292
<211> 663
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 54, 71, 73, 89, 104, 137, 142, 177, 308, 409, 423, 430, 451, 468,
503, 551, 558, 581, 598, 622, 629, 632, 660
<223> unknown base

<400> 292
ctaaccaggat ttgaattttt ggagcttgggtt ggatttgcgg attgcaggcc 50
caantatgtt ggggaaaaagt ntntgagtgt cattttgcgtt gttgaaggtc 100
tggntaatgtt gattattgtt ctgagaatgtt atctttnttta gntattccaa 150
acttagttat ttttgcagtt ttggtaatttt tttcctcattt ggaactccca 200
aaaatccgat tgcttttgcgtt tggtttttta tttgcctgtt aactgtatcc 250
ttccttgaca tttatattttttag tggactttca gtaactgaaa gatggaaacc 300
cttttgnac cgtgaaagaa tttgcagaag actttcagtc gtttttgctg 350
gaatgattga gcttacattt tttattcttt ccgcatttcaa acttagagac 400
actcacctntt ggtatattttgtt aanacctgggn ttttccattt ttggatattttt 450
ntggatgatt tgcataatata tttttctttt aactctttgg ggattccata 500
ccnaattttttt tgactgcccattt aaagtatattt ttactcacat gacagattttttt 550
natagccntg atagaatcat ggcattccaaa nggatgcggcc atttttgntt 600
gatttcagag cagttgggtgt tnttttagtnt tnttgcaaca gcgattttgg 650
gagcagtttccg 663

<210> 293
<211> 603
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 44, 90, 108, 124, 171, 351, 376, 378, 389, 396, 453, 477,
507, 518, 524, 541, 587
<223> unknown base

<400> 293
tccaggattt ttctccctgg tntaagggtcc tgggtcacac ccanaggaac 50
cagtttggtc ctggggcaagc cactgcctat aggataaggn aagatcaaat 100
aaatcatntc agggagaaca aggnccagcc ttccctcctctt attcactcaa 150
acacaccacc caagcacccca ntttggccag actctgtat ggtccctgccc 200

ctcaaaggac tgttcatggc ctagagatga aagagcccg tcaacagtta 250
tactgtgtgg tggcgccggg agggtaatca cagggtattt atgggtacaa 300
aaaggaggca ccctgaccc tc accagaaata gctaccctgt gccataggct 350
ntaggcagac tttactgaca ttgaananc ttgcagnnc aattancaaa 400
aagactacat gtgtaaatgt gacagaacag ggattcagag cctgaatgtt 450
tangcctgct ttatcctcat tttgtcnctg tggaggcaga ggtggggaaa 500
ctaagtnag aagccatntg agtnnnnntg ggagccacct ntatatttgt 550
cataagtctc tggatggcct ttgggttcta gctatanctg tgtccactag 600
tgc 603

<210> 294
<211> 704
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 33, 42, 94, 99, 106, 122, 147, 187, 198, 458, 482, 484, 497, 560,
609, 626, 665, 679, 691
<223> unknown base

<400> 294
ttaaggcctt taaaaatggt ggaaattttt ggnacaatta tncggaaatt 50
tttaattttt aaggaattttt ggaaagtagt ttaaagatag cccnntttna 100
aaattntaag atcaagcaaa tnaagcttat ttttaaggat tcaaagnata 150
aaagccttca gtaaataggt aaaattttgg tttattntag aaaacagntc 200
cttgacacag tgagtggcatt ttcacacatt gcagttgtta atggttact 250
gcccttgcctt ttttaattt tgaggctaaa gatgttttg acaccgcaca 300
tgtgtgttat ggcttccttg atatgcttc gacagctttt tggctggcatt 350
tttcgcagag ttctgtttga gaaggttatc tttggcattt taacagtgtat 400
gtcaatacaa gttatgcaa acctccgtaa tcaatggagc ataataggag 450
aatttaanaa ttgcctcag gaaaaacttt tncnagtggta tcaaatncag 500
taccacatca gatgctgtct ttgcaggtgc catgcctaca atggcaagca 550
tcaagctgtn tacacttcat cccattgtga atcatccaca ttacgaagat 600
gcagacttta ggcctgggttg cagtgatgtt gaaatctggg atgtggaaaga 650
cccttccat gcagntaacc ctgccttang tagcgtcctg ntcgaagacg 700
ccag 704

<210> 295
<211> 504
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 89, 104, 139, 152, 165, 171, 211, 223, 278, 313, 351, 374, 386,
389, 446, 482, 485, 493
<223> unknown base

<400> 295
tccaaaaaaaaaa aaataatgga aaactggaaa gagaaaaatt gtttcaaaaa 50
ctatagcaca cctgttgttta gattcttgc ttgcctaang ttttcaatt 100
ttantatttt ctacagtttgc gaccgaattc taattttnt tgactacaag 150
tnnncaaaat aatgnnttca ntttttctt ctttttcca ttttttcca 200
attggagtc nctgaaaact aanctgtgct ttcataaagc cctgcaaact 250
gaatctagac aacttcagaa gaaaaatnac agcaacctat ttacatacat 300
aagccacttt canacctgcc taccgatgta tggacttcag agtaatgtgg 350
ntttagcaa ttttccagga ttgntcttt gtttgntgnt gttctccctt 400
cctcccccta ttttgcctt atgggacatg acacttcaca acctntaaa 450
aatgagttt cctaataact caggacctac tngtntagaa atnaaccatc 500
ctag 504

<210> 296
<211> 557
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 48, 104, 163, 201, 212, 228, 244, 251, 257, 293, 365, 444, 458,
465, 495, 526, 538, 552
<223> unknown base

<400> 296
tttttttcc cccttgggc caggtcgaaa tatgataggt cggggaaanag 50
ggggctttgg aggccgaggc cgaggccgtg gacgaggaa aggtgccctt 100
gctngccctg tattgaccaa ggagcagctg gacaaccaat tggatgcata 150
tatgtcgaaa acnaaaggac acctggatgc tgagttggat gcctacatgg 200
ngcagacaga tnccgaaacc aatgattnaa gcctgcccatt cctnccatga 250
nagactnttg ttagtcaaca catctgtaaa taaccttgag atnacagatg 300
agaagaaaatc tgattgatgc tggatggacc tatcacaata ggctgtggac 350
ttacttgcca ccagnnnttg cattttgtgt gttcctttta ctttttgata 400
ctgtgttgta tgaaaccctt ttgtcccttg atttggttt ttgntttgt 450
ttttttangg ggganggggg gtttccctc ctttgcccag acttntcttt 500
gaacacaaaat gcattagcct tgtggntaga acaccctntt cctacacatc 550

tntcccc 557

<210> 297
<211> 501
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 45
<223> unknown base

<400> 297
ggtaatggaa aacccgcaat tacatttcaa ccaacctaatt agatntaagg 50
aaaagcgctt tccattcgta gcatcagtct ggccacatcc cttgtgagcc 100
actgcgcccg gcttgttggc cgtatTTTg gaatgcattt ggagcttggg 150
tcagtagttt ttgttttcat gtgatgtcac caacatgttg cctatacaga 200
ttgaatatcc cttatccaaa atgcttgcaa ccagaagtgt tttggatttt 250
tggaattttt tttggattttt ggaatatctt catgtaaata atgagattt 300
ttggggatca gactcaagtc taaacatgaa attcgTTTt gtttcatata 350
tactttatac acataacctta aaggcagttt tatacagtat tttcaatgg 400
gtgcatgaaa caaagTTTgt gttcattgtat ccatcagaaa gcaaagatgt 450
cactgtctca gccacacgtg gacaatctgg ttggtagcg tccccatcgt 500
t 501

<210> 298
<211> 515
<212> DNA
<213> Homo Sapien

<400> 298
ggccccgcgt gccgacatgg gaaagtctct ttctcatttg cctttgcatt 50
caagcaaaga agatgcttat gatggagtca catctgaaaa catgaggaat 100
ggactggta atagtgaagt ccataatgaa gatggaagaa atggagatgt 150
ctctcagttt ccatatgtgg aatttacagg aagagatagt gtcacctgcc 200
ctacttgtca gggAACAGGA agaattccta gggggcaaga aaaccaactg 250
gggcattgtat tccatatagt gatcagagat taaggccaag aagaacaaag 300
ctgtatgtga tggcttctgt gtttgcgtat ctactccttt ctggattggc 350
tgtgttttc ctttccctc gctctatcga cgtgaaatac attgggttaa 400
aatcagccta tgtcagttat gatgttcaga agcgtacaat ttatTTAA 450
atcacaacaca cactaaatat aacaaacaat aactattact ctgtcgaagt 500
tgaaaccgaa cccct 515

<210> 299

<211> 481
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 168
<223> unknown base

<400> 299
gagcggagcc ggcggagcct ctggaatcac ccgggtcgct gttcctgagc 50
agctgcagag catcgaggc tggagaggag cacatactgt ccatggagct 100
ggtgttcaag gtggacaggg gcgggtggta tggcgcagtt tgacactgaa 150
taccagcgcc tagaggcncc ctatagtat tcaccccccag ggaggaggac 200
ctgttggtgc acgtcgccga ggggagcaag tcacacctggc accatattga 250
aaaccttgac ctcttcttct ctcgagtttta taatctgcac cagaagaatg 300
gcttcacatg tatgctcatc ggggagatct tttagctcat gcagttcctc 350
tttgtggttg ctttcactac cttcctggc agctgcgtgg actatgacat 400
cctatttgcc aacaagatgg tgaaccacag tcttcaccct actgaacccg 450
tcaaggtcac tctgccagac gccttttgc c 481

<210> 300
<211> 468
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 24, 132, 197, 209, 218, 235, 238, 285, 344, 365, 457
<223> unknown base

<400> 300
tatggaacag ctttccttttgc acancagtta cgggctggcgt gtggcagggt 50
ctgttctggc cttgggagcc atcatcggtg actgggtggca caagaatgg 100
agacttaaag tggcccgacac ctcgctggcgt gnacagaatg tttcagtc 150
cctgtgtggc atcatcctga tggatggttt cttacataaa catgagnncc 200
tgaccatgna ccatggangg gttctcactt cctgntanat cctgatcatc 250
actattgcaa atattgcaaa ttggccagt actgntactg caatcacaat 300
ccaaaggat tggattgttgc ttgttgcagg agaagacaga agcnaactag 350
caaatatgaa tgccncaata cgaaggattg accagttaac caacatttta 400
gccccatgg ctgttggcca gattatgaca ttggctccc cagtcatcg 450
ctgtggnttt atttcggg 468

<210> 301
<211> 466
<212> DNA

<213> Homo Sapien

<400> 301
accgcctgac cgtgctggct ggtgcaatgc ttgccttggg actaatgaca 50
tgcttgcag ttttgggg ctatgccacc acagtcatcc ccagggtcta 100
tacatactat gtttcaactg tattatttgc cattttggc attagaatgc 150
ttcgaaaaagg cttaaagatg agccctgatg agggtcaaga ggaactggaa 200
gaagttcaag ctgaattaaa gaagaaagat gaagaatttc aacgaaccaa 250
actttaaat ggaccgggag atgttcaaac gggtacaagc ataacagttac 300
ctcagaaaaa gtgggtgcatttttccac ccattttgt tcaagctctt 350
acattaacat tcttagcaga atgggggtat cgctctcaac taactacaat 400
tgtattggca gctagagagg acccctatgg tgtagccgtg ggtggaaactg 450
tgggcgaacc ccttgc 466

<210> 302
<211> 648
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 10, 15
<223> unknown base

<400> 302
tcgaacccan ggggnccgccc gaacgcgtgg gaccatatacg agaaatagca 50
tgaatatttt tattaggaga tgtttcaaag actgtattcc aatggtaaaa 100
ggaaagtcca aaacctcttt aaggaacact gcaagttgag cctctgctgt 150
tttaataggt aggtgacctt gcctgagtca gtcttttga atttcaattt 200
tctaattttt aaaatgaggt ttttgggtat ccctcagttt cctttcagct 250
ctggaaatttg gtgggtaagt taccttgaat gtgtatctt tcttggtaaaa 300
attttaaaaaa acaatatacg aggaaacaaa tccttttac tccttatttt 350
tagaaataac ccctaaacct ggtaatattt tgacgtgttt ttttcaaact 400
tgtctgtgca ttttttaaag gagcttctgt cgtatatacg tatgccctgc 450
ttttgtgtgc atgttaagca tttggatgt tattttaaag tggaatgcct 500
tgaagaatga atcagtcaga cctactgtta acattttgat gtatttcaga 550
ctgacttaca atttttttgtt atttgatatt atgtataatt atatcctgca 600
tttacttagc atattaagga ttttttata tgtaatttta aagtggaa 648

<210> 303
<211> 444
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 83, 103
<223> unknown base

<400> 303
atttttatg tattcatagt ataaaagacc tttagtaaat aggtatatt 50
tttggtttat tctagaaaaac agtccttga acncagtaag ctggctttc 100
acncattgcc agtggttaagt gttactgcc cttgccattt taattatgag 150
gctaaagatg ttttgacac cgacatgtg tgtagtggat tccttgat 200
gctctcgaca gctcttggc tggcttttc gcagagttcg ttttgagaag 250
gttatcttg gcatttaac agtgatgtca atacaaggat atgcaaacct 300
ccgtaatcaa tggagcataa taggagaatt taataatttgc ctcaggaag 350
aactttaca gtggatcaaa tacagtagcca catcagatgc tgtcttgca 400
ggtgccatgc ctacaatggc aagcatcaag ctgtctacac ttca 444

<210> 304
<211> 427
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 81
<223> unknown base

<400> 304
atgaaatcct gcttcttt cctcagaact actatattca gtggctaaat 50
ggctccctga ttcatggttg tggaatctgg ntcccttt ttccaaacctt 100
tggtaatttgc ctttgcctt tttttcttgc gaatcagaag 150
gctttgctgg cctgaaaaag ggaatccgag cccgcattt agagactttg 200
gtcatgcttc ttcttcttgc gttactcatt cttggatag tgtggtagc 250
ttcagcactc attgacaacg atgccgcaag catggatct ttatatgatc 300
tctggagtt ctatctaccc tatattatc cctgtatatc attgatggta 350
tgtttgttac ttcttcttgc tacaccagtt ggcccttctc gtatgttac 400
agtgtatgggt cagttgctag tgaagcc 427

<210> 305
<211> 600
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 14, 19, 27, 54, 65, 126
<223> unknown base

<400> 305
atagtattaa gtcnattgng caagtgnagc cttagaagat ttggagtgtt 50
tttnacttt tttcntggtg gcttagaatt ttctccaaga aaagttaaga 100
aagggtgtcaa gatttcctta caaggncgt gtacatgaca ctgttaatga 150
ttgcatttgg cttgctgtgg gggcatctct tgccgtatcaa acccacgcag 200
agcgctttca tttccacgtg tctgtccttg tcaagcacac ccctcggtc 250
caggttcctc atgggcagtg ctcgggtga caaagaaggc gacattgact 300
acagcaccgt gtcctcgcc atgctggta cgcaggacgtg cagctcggtc 350
tcttcattggc cgtcattgccg actctcatac aggccggcgc cagtgcattct 400
tcttagcattg tcgtggaagt tctccgaatc ctggtttga ttggtcagat 450
tctttttca ctagcggcgg tttttctttt atgtcttggt ataaagaagt 500
atctcattgg accctattat cggaaagctgc acatggaaag caagggaaac 550
aaagaaaatcc tgatcttggg aatatctgcc tttatcttct taatgttaac 600

<210> 306
<211> 492
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 120, 215
<223> unknown base

<400> 306
aacctatata aaatagttt tagcagttt tagctgtgac catcaagtca 50
gataatttgg gatgttcaca gagagctctg ggtgattatg acagtgacca 100
cccacatctc ttattttttn tgcttcattt ctctactagg gagaggaggt 150
catataatat atggatattt tatgttattt tagataaaatc catatcaaca 200
cagcacagga gaacnaatta tacccctgg tagattttgg ggtataaacf 250
tcatgaaatg tttctcagaa agtgagaaat atttcttgat tgtatcttta 300
aaattaatgc aaaattgtta tgttactcca taatttattt gtgtgcatta 350
ctgtaagggtt catgtgtatt catattaaat tttttctttt aaaaattggg 400
ttcaatgaat tatctaggat gattgcattt tttgtggcat caagtgttgt 450
ttctcccttt ccataccaaag catatcctgc ttttggtaca gg 492

<210> 307
<211> 495
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 49, 65, 158, 178, 211, 218, 221, 225

<223> unknown base

<400> 307

ttacttgtga gtatcatcnt gtccttaat cctgtaccct aaaataagna 50
atacattttt gacanaggct taatgtttt acaaaaagagt gtggacattt 100
ttatTTaaa atTTaggcaa aagtcaactat caaatggttg cttatttgc 150
tcacacancc atatagttt tcctggangg ttttgtttt ttgttggta 200
aaagactttg nttacagnta natgnaacct ttttatagaa aaaaaaaatt 250
gttcaaagggt ccagttctca gtaccatgtg agttaatgtt actacaacta 300
agttttttt aaaaagtgtat taatgttattt tataaattttt cttttcacat 350
atgcaaaatc tgTTTctact acaatgttat ttttactaat gccttattgt 400
tgcaCTCTT ttgaaatatc ctgcagtgaa tatatgaatc aatttggct 450
taaaactgaa agccagttgg ctgaaagggt tgaaatacgt acccc 495

<210> 308

<211> 478

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 18, 43, 154

<223> unknown base

<400> 308

ttctttcttt tccccatntc attcatttag gctcctttcg canaagttag 50
gtatttagat aatcaaaacc ccacacaaga cctcaacagc aaatacagat 100
gaaatgtat tattatttca attaaaaagg gaataatatt tgtaggccat 150
tgtnaccagt attctctcg ttttaactagt tttgctgcattttaat 200
tgctgctctt cagctttgt gtacagctat aagtgcacat tggaatttt 250
atgtatatat atatagagag agagagagag agagaaaaatg actgctggtt 300
cagtgtgtgt ccctcagatc ataccactac gagtgccctca gcctggaaaa 350
gctaaccatg aaattgataa caatacgctt ttggaaatga aatcaggtaa 400
gaatcacata tgTTTgaaat tgTTTaaaat aacattgtca tatttcttgt 450
gttatctgggt tgctggtaa tctctttt 478

<210> 309

<211> 469

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 24, 132, 155

<223> unknown base

<400> 309
gtggcccgtc tggctagtcc tgtntaagcg cgccccatttc gagcccaagt 50
ttccagctcg ggttccggg ctcagaattt tccaggagtg ggttcttggg 100
cagtggctgt ggaacaggaa tggcgagct anagggttac tgtttctcg 150
cgccnttgag ctgtaccctt ttagtgtcct gcctccatctt ctccgccttc 200
agccgggcgc tgcgagagcc ctacatggac gagatcttcc acctgcctca 250
ggcgagcgc tactgtgagg gccatttctc ccttccag tggatccca 300
tgattactac attacctggc ttgtacctgg tgtcagttgg agtggtaaaa 350
cctgccattt ggatcttgg atggtctgaa catgttgtct gctccattgg 400
gatgctcaga tttgttaatc ttctttcag tggatccca 450
tatatttgct tttccaccaa 469

<210> 310
<211> 524
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 4, 15, 206, 227
<223> unknown base

<400> 310
cgcntcggcc catgnacgcc ttgtgcgggtt ccggggagtc ggctccaagt 50
ctgggactcc aacctgtctg tgcacacaga aaaccggac ctcactccct 100
gcttccagaa ctccctgctg gcctgggtgc cctgcatcta cctgtgggtc 150
gccctgcctt gctacttgct ctacctgcgg caccattgtc gtggtacatc 200
atcctntccc acctgtccaa gctcaanaat ggtcctgggt gtctgtgt 250
ggtgagtttc ctggggggac ctttttact cttccatgg cctggtccat 300
ggccggggccc ctgccccctgt tttcttgc acccccttgg tggatgggtt 350
caccatgctg ctggccaccc tgctgataca gtatgagcgg ctgcaggcgc 400
tacagtcttc ggggttcctc attatcttct ggttcctgtg tggatgtgc 450
gccatcggtcc cattccgctc caagatcatt ttagccaagg cagagggtga 500
gatctcagac cccttccgccc tcac 524

<210> 311
<211> 501
<212> DNA
<213> Homo Sapien

<400> 311
ccatcaggaa ggtgaaagag gtctttggaa cagggggcat gagacatgtg 50
gtcatcctct tcaccaccaa agaggactta gggggccagg ccctggatga 100

ctatgttagca aacacggaca actgcagcct gaaagacctg gtgcgggagt 150
gtgagagaag gtactgtgcc ttcaacaact ggggctctgt ggaggagcag 200
aggcagcagc aggcagagct cctggctgtg attgagaggc tggggaggga 250
gcgagagggc tccttccaca gcaatgacct cttcttgat gccagctgc 300
tccaaagaac tggagctgg gcctgccagg aagactacag gcagtaccag 350
gccaaagtgg aatggcaggt ggagaagcac aagcaagagc tgagggagaa 400
cgagagtaac tgggcataca aggcgctcct cagagtcaaa cacttgatgc 450
tttgcatta tgagattttt gttttctat tgggtgcag catactttt 500
t 501

<210> 312
<211> 655
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 85, 118
<223> unknown base

<400> 312
tctttgttct cacaagttat cttaacattg gaatgaccct gaattaggaa 50
gttaaagtga acttgggtgg atttggatac tgctntaaaa gttagaaaat 100
taggtcattt gacattnng ctccgtgtt tgccatgtt gtttcctaca 150
tactttgca aagatcaagg aagaccttg aggcatctat ttatctcta 200
tttctattac tatcacccca attcaagtca tcattcattac cctggacttc 250
tgggatact tcccactgtt cccactcatc tactcttgct cactgccttc 300
cccccaaacc ccctaaaatt cattctccag atagtgacta gagtgaatcg 350
actatatctt ctctttcct gctctggata taatttatat ctttcctgc 400
tctggatata atttatatcc ttcattctcc atttctgtgc ccctgtgtgc 450
caactgctat tgtctgcatt agatggactt ccttatcttc tggcttctat 500
tgaatttggt gaactgggaa gggtaagta ggagatcagt gtgtgggaga 550
agaaagaagt ttgagttt atcacctagg aagggggact tccaggacac 600
tgtttggcag ggtatgctggg cctctactgg aggcctagtt ccgactgtgt 650
tgccc 655

<210> 313
<211> 239
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 226, 234
<223> unknown base

<400> 313
ttttttttt ttttttttg gattaatgag gaaatcattc tgtggctcta 50
gtcataattt atgcttaata acattgatag tagcccttg cgctataact 100
ctacctaaag actcacatca tttggcagag agagagtcgt tgaagtccca 150
ggaattcagg actgggcagg ttaagacctc agacaaggta gtagaggtag 200
acttgtggac aaggctcgaa tcccanccgg acgngtggg 239

<210> 314
<211> 175
<212> DNA
<213> Homo Sapien

<400> 314
atttgggtt tttttttcca aaaattgctg aaatattgtt ttgccatttt 50
taaaaagtct caggttatta ccactctgcc attaaatatt tgtatgcctg 100
catttttaaa aattctgtgc atgtacttta tggagtacat tctattttg 150
tttcagata ccccgacgc gtggg 175

<210> 315
<211> 971
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 262, 355, 369, 486, 539
<223> unknown base

<400> 315
cggacgcgtg gggaaacctt gcattcaagg gtttttgtt ttgtttgtt 50
ttgtttttg tttgtttggg tttgtttgt tttgggttgg tttgaaacg 100
gagtctcgct ctgtcgccca ggctggagtg cagtggcgca atctcggtc 150
actgcaagct cgcgcctcccg ggttcacgtc attctcctgc ctcagcctcc 200
cgagtagctg ggactacagg cgtccactac cacgcctgga taattttt 250
tatttcagt anagacgggg tttcaccgtg ttagccagga tggtcttgat 300
ctcctgacct catgatcccg cctgcctcg 350
acagngcgtg agccaccgng ccgggcaccc tcaaggttt gttat 400
gataatgcta caatccgtt ctgcaaagaa ctcgaaaatg cacacgcca 450
cataggagtt cttttatgc ccccaaacat taagtnnttc atccaacccc 500
tcaatcgggg cataataaaa gcattcaagg cacactacna caagggagct 550
ttatatgaag gcctgtgagg ctctcaggac caacaaggaa accaccatgc 600
tggactattt gaaatcggtc actacatgca acgttattga ttatgtcagt 650

acagcctggg agagcattgg tcaggctact accaataact gttggaaaaa 700
tgttggcca gactgcgtgg agaatttgaa agggttgaa ggtgttacag 750
aaaatataaa gaacactgtc agagacataa tgcatatggc acagcaggt 800
agtggagagg gctttgatga cgtgaaggaa ggagatgtgg agtacatttt 850
ggcagagaag gcagtggAAC caaccaacga agacctggat gagatggcaa 900
aacaaggcat tggagttgat ggccatgaaa gtcggccaa gacttccaga 950
attgtccctc tcacagcgcc c 971

<210> 316

<211> 673

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 67, 115, 126, 132, 135, 274

<223> unknown base

<400> 316

aaattctact tcctggattt tggaaggcca aaacattttt tccccatggg 50
atacatcccc atgttntgg cacaatcctt ctttggaaaat aatatggAAC 100
ttagatatat ttagnicatta cgttcntctg gntgnatgac atcattcaag 150
agctttcaa agcatttggc cagatcttca gtactggcca gttttcatac 200
agtctcgggg tttaaaaact ttgaaatcaa ggacacgacg tctccagtct 250
acctccgaga gattagttga aacncagaat atagcgccat cattcgtcaa 300
ggggtttctt ttgcgggaca gaggatcaga tggagagt ttggacaaac 350
tcatgaaaac caaaaatata cctgaagctc accaagatgc atttaaaaact 400
ggttttgcgg aagggttttc tgaaagctca agcactcaca caaaaaacca 450
atgattccct aaggcgaacc cgtctgattc tcttcgttct gctgctattc 500
ggcatttatg gacttctaaa aaaccattt ttatctgtcc gcttccggac 550
aacaacaggg cttgattctg cagtagatcc tgtccagatg aaaaatgtca 600
ccttgaaca tgttaaagggtt gtggaggaag ctaaacaaga attacaggaa 650
gttggat tcttgaaaaa tcc 673

<210> 317

<211> 557

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 27, 43, 52, 59

<223> unknown base

<400> 317
cgcttggca gggtgggtt gaaactnttc accccttgcg gtntgtactg 50
cntcccaant gagcagccag gagaaggcta gagcctgtgc ctttcagcta 100
gatacgctgga ggaactggtc ctcccctt aggctgtgct ggcctgagct 150
gggagcctga gagctgggc agttgtctct aaagtggctt ctgggattct 200
ggtaagagcg ttacatcctt actattcaaa gtgccatcca cagacctgct 250
gatgggcagc atgagcatca cctggagct tgctgcgctg tagaatcttg 300
aggggtctcc atccagatca gctgaatcag agtttgcatt gttaacaaga 350
ttctgcttct cagaagatgc actattatag atactctaacc gccaaggta 400
gctgctggta caagtacccctc ctttcagct acaacatcat cttctgggttg 450
gctggagttg tcttccttgg agtcgggctg tggcatgga gcgaaaagg 500
tgtgctgtcc gacctcacca aagtgaccccg gatgcatgga atcgaccctg 550
tggtgcc 557

<210> 318
<211> 570
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 1, 38, 52, 104
<223> unknown base

<400> 318
ntgcagtcaa cgccagttcc cgggttcagc ctggaaanat gcgcgaatcg 50
gnaaccccaag agcccggtgg ttagaccggg gtccggcgt tcccccacag 100
cccnnttcct aatcgttcag acggagcctg gtgcacttcg ccggagactg 150
ccagatctcg ttccctttcc ctgtgtcatc ttcttaatta taaataatgg 200
gggatgaaga taaaagaatt acatatgaag attcagaacc atccacagga 250
atgaattaca cgccctccat gcatcaagaa gcacaggagg agacagttat 300
gaagctcaaa ggtatagatg caaatgaacc aacagaagga agtattctt 350
tgaaaagcag tgaaaaaaag ctacaagaaa caccaactga agcaaatcac 400
gtacaaagac tgagacaaat gctggcttgc cctccacatg gtttactgga 450
cagggtcata acaaatgtta ccatcattgt tcttctgtgg gctgttagttt 500
ggtcaattac tggcagtgaa tgtcttcctg gaggaaacctt atttggaaatt 550
ataatcctat tctattgtgc 570

<210> 319
<211> 698
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 27, 57, 82, 87, 148
<223> unknown base

<400> 319
tcagcgggta agaaaattct acttccnngg attttgtaa aaggcaaaaa 50
cctttnttc cccattggca tacattccca angttntgc ccaatccttc 100
tttgaaaat taaatatgga acttagatat atttagtcat tacgttcntc 150
tggcttgtat ggacatcatt caagagctt tcaaagcatt tgttcagatc 200
ttcagtactt ggccagttt catacagtct cggggttta aaacttgaa 250
atcaaggaca cgacgtctcc agtctacctc cgagagatta gctgaaacac 300
agaatatagc gccatcattc gtgaaggggt ttctttgcg ggacagagga 350
tcagatgtg agagtttggaa caaactcatg aaaaccaaaa atataacctga 400
agctcaccaa gatgcatttta aaactggttt tgccgaaggt ttttctgaaa 450
gctcaagcac tcacacaaaa aaccaatgat tccctaaggc gaaccggct 500
gattctcttc gttctgctgc tattcgcat ttatggactt ctaaaaaaaaacc 550
cattttatc tgtccgcttc cggacaacaa cagggcttga ttctgcagta 600
gatcctgtcc agatgaaaaa tgtcacctt gaacatgtta aagggttggaa 650
ggaagctaaa caagaattac aggaagttgt tgaattcttgc 698

<210> 320
<211> 443
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 4
<223> unknown base

<400> 320
gccnagcggaa cggcccgctt aaacgggctg ctctgtccga ttctttacc 50
tgagaaatgc tacgaccaac ttttcgttca gtgggacttg ctccacgtcc 100
cctgcctcaa gattctccttc agcaaaggcc tggggctggg cattgtggct 150
ggctcacttc tagtaaagct gccccaggtg tttaaaatcc tgggagccaa 200
gagtgctgaa gggttgagtc tccagtctgt aatgctggag ctatgtggcat 250
tgactggac catggtctac agcatcacta acaacttccc attcagatct 300
tggggtgaag ccttattcct gatgctccag acgatcacca tctgcttcct 350
ggtcatgcac tacagaggac agactgtgaa aggtgtcgct ttccctcgctt 400
gctacggcct ggtccctgctg gtgcttctct cacctctgac gcc 443

<210> 321
<211> 477
<212> DNA
<213> Homo Sapien

<400> 321
gttggcctga ttctccccac cagaggacag acgttcaaag ataccacgtc 50
cagtttcag cagacgcaac tatcatggac attcaggtcc cgacacgagc 100
cccagatgca gtctacacag aactccagcc cacctctcca accccaacct 150
ggcctgctga tgaaacacca caacccaga cccagaccca gcaactggaa 200
ggaacggatg ggcctctagt gacagatcca gagacacaca agagcaccaa 250
agcagctcat cccactgtatg acaccacgac gctctctgag agaccatccc 300
caagcacaga cgtccagaca gaccccaaga ccctcaagcc atctggttt 350
catgaggatg accccttctt ctatgtgaa cacaccctcc ggaaacgggg 400
gctgttggtc gcagctgtgc tggcatcac aggcatcatc atcctcacca 450
gtgcggacgc gtggcgac 477

<210> 322
<211> 505
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 48, 75
<223> unknown base

<400> 322
cagtgcctt agattgtgtt ttgcctcctc caatgttagag ttgacatntg 50
gacccagag cccagcaggg cttntgtca gacatgtagg gtggtagaaa 100
tggccctcc aggtccccct gcagtgcact gggcagagac ctccggaaag 150
ccggcagcgg gagcgcttcc tggcagctt ccccaagcac agtgttccca 200
aaccagtcca tccggaaaac agtctgtaca gcaaattgtg tgtgagatct 250
taggctttc actttttttt gttttgtttt gttttgaaa gaaagaaaaaa 300
aatacaatta acaaggctct tttgtaaatg gtttcctt ctatgtataa 350
aatcgtggtg gtccctgtt tttacatgtt catgctgtgt aattttgaga 400
tgttactgag atatgttctg aacataatgt gcattttttt ctgtacagat 450
gaaatggag aatttaataa agagttgca gcccacgcgt ccgcggacgc 500
gtggg 505

<210> 323
<211> 632
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 21, 75, 80, 107, 117
<223> unknown base

<400> 323
gaagtgttca ctggacaatt ngcaagtttag gtccagttcc agttggagga 50
ttcttccatt gttccaagggt gtggnaattn caatggtcct gatctccatt 100
tttgtgncaa tctattncaa tgtcataatt gcctatagtc tttactacat 150
gtttgcttct tttcaaagtg aactaccatg gaaaaattgt tcttcgtggt 200
cagataaaaaa ctgttagcaga tcaccaatag taactcactg taatgtgagt 250
acagtgaata aaggaataca agagatcatc caaatgaata aaagctgggt 300
agacatcaac aattttacct gcatcaacgg cagtgaardt tatcagccag 350
ggcagcttcc cagtgaacaa tattggaata aagtggcgct ccaacggta 400
agtggaatga atgagactgg agtaattgtt tggtatTTAG cactttgtct 450
tcttcggct tggctcatag ttggagcagc actattaaa ggaatcaaat 500
cgtctggcaa ggtggatat tttacagctc ttttccccta tgtggtccta 550
ctcatactgt tagtacgagg tgcaactctg gagggtgctt caaaaggcat 600
ttcatactat attggagccc cgacgcgtg gg 632

<210> 324
<211> 502
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 9, 24
<223> unknown base

<400> 324
cggggggcnt acaccactgc ctgngtcttc accaccgcgg ccgtgcagtt 50
ggaattgatc acacctttc agttgtactt caatcctgaa ttaatcttta 100
aacactttca aatatggaga ttaatcacca acttcttatt ttttggcca 150
gttggattca atttttatt taacatgatt tttctatatac gttactgtcg 200
aatgctagaa gaaggcttt tccgaggtcg gacagcagac tttgtattta 250
tggcccttt tggtgattc ttaatgaccc ttttggctt gtttgagc 300
tttagtttct tggccaggc cttaacaata atgctcgat atgtgtggag 350
ccgaaggaac ccctatgtcc gcatgaactt cttcggcctt ctcaacttcc 400
aggccccctt tctgcctgg gtgctcatgg gatTTTCCCTT gttgtgggg 450
aactcaatca ttgtggacctt tttgggtatt gcagttggac cgacgcgtg 500
gg 502

<210> 325
<211> 375
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 9
<223> unknown base

<400> 325
tgcaaattnt gagattcaga gactaaagta atttatattt acatagctaa 50
tcagtgccag agctgtgaat ctaagattat cttgctctta atcacaaaaaa 100
tacacagtta ttagttgttt gcatttgatg caaatgactt ggaaccacaca 150
catttacac attttaatg aatgaaatga ctagttgat tcattacacg 200
tttgtggaaa ttttgcagct aggtttaaa ttaagaacac cagatttatt 250
taaatacaat ttaaaatcat tgtattccaa atggaagttt tcttctataa 300
gaataccagg ctggatgtgg tggctcacac ttgtaatcct agcactttgt 350
gtggccgagg aagcggacgc gtggg 375

<210> 326
<211> 198
<212> DNA
<213> Homo Sapien

<400> 326
gtcaggattt ttgaagtttt ttttttata gtgagataat ggagttggc 50
ttagccgctg caggagccct tctttctgt ggattcatca tctatgacac 100
acactcactg atgcataaac tgcacactga agagtacgta ttagctgcca 150
tcagcctcta cttggatatac atcaatctat tcctgccccga cgctggg 198

<210> 327
<211> 489
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 18
<223> unknown base

<400> 327
caagtttagt gatccagnnt ttgtggtctt ttgcaaccct tgtggtcatt 50
gtgcccttga tattaatctt cgtgggggt cctcgccatg gcagacaaac 100
attcttgtgt acataacaat ctgctctgta atcggcgcgt tttcagtctc 150
ctgtgtgaag ggcctggca ttgctatcaa ggagctgttt gcagggaaac 200
ctgtgctgctg gcatccccctg gcttggattc tgctgctgag cctcatcgac 250
tgtgtgagca cacagattaa ttacctaaat agggccctgg atatattcaa 300

cacttccatt gtgactccaa tatattatgt attctttaca acatcagtt 350
taacttgttc agctattctt tttaaggagt ggcaagagat gcctgttgac 400
gatgtcattg gtacttttag tggcttcttt acaatcattg tggggatatt 450
cttggtgcat gccttaaag acgtcagctt tagtcttagc 489

<210> 328
<211> 559
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 43, 46
<223> unknown base

<400> 328
aaagtggtcc ttttagggta aagagttta aagagttaa tgngtntatg 50
gcaggtttgg gaaaggtaag aaatgggtcc ttttcctcc taatgtttt 100
ggcacttaaa acataaaatt cattatccta ttaaaaaatt aaattcagtt 150
tgctaattcca gaaattgttc ccaaattgaaa acttggttta agtccacccc 200
ttagttcct tatttacaa ggtctctttt cagggaccaa caggggctta 250
gagagcctta gtttagattaa agggagaccc tacctcttaa aaccagttt 300
catttatgca aacaaggaca attaaggaa ccctgacccc acaggctctc 350
aagtcttccc aaggccagaa tcgaaagaaa attaaaattt gaatgctgaa 400
tattctggct ctactctggc cttttttct ggttcccttc caaaatgcac 450
aaatcataacc cttgtctgct ccaattcagt ctccaaacct ggtgcctgtg 500
ctcctggccc cccttagcatc atgctatccc aggagtatca ggaccagaca 550
catccacgg 559

<210> 329
<211> 523
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 4, 14, 60, 71, 99
<223> unknown base

<400> 329
ggcnacggcg gccnaagacg gacatgaagc aatatcaagg ttccggcg 50
gtccccatgn atgtgaaacg nagtcgttt cccctactgc gtgggtgna 100
cgcccatccc ggtgctcacg tggttttcc ccatcatcgg ccacatgggc 150
atctgcacat ccacaggagt cattcgggac ttgcgggcc cctactttgt 200
ctcagaggac aacatggcct ttggaaagcc tgccaagtac tgaagttgga 250

ccctgctcag gtctatgcta gcggggccaa cgcatggac acggctgtgc 300
acgacgcctc tgaggagtac aagcaccgca tgcacaatct ctgctgtgac 350
aactgccact cgcacgtggc attggccctg aatctgatgc gctacaacaa 400
cagcaccaac tggaatatgg tgacgctctg cttcttctgc ctgctctacg 450
ggaagtacgt cagcggttggg gccttcgtga agacctggct gcccttcatac 500
cttctcctgg gcatcatcct cac 523

<210> 330
<211> 365
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 83, 124
<223> unknown base

<400> 330
tttgatttaa tgggttgtt gtgtatcctc ctggcaactg gattttgcct 50
gttcagaggt ttgattgctt tggattgccc atntgagctc tgccgattat 100
atacgcaatt tcaagagccc tatntaaagg atcctgatgc ttatcctaaa 150
attcagatgc tggcatatat gttctattct gttccttact ttgtgactgc 200
actgtatggc ttagtggttc ctggatgttc ctggatgcct gacatcacat 250
tgatacatgc tggaggtctg gctcaggctc agttttctca cattggtgca 300
tctcttcatg ctagaactgc ttatgtctac agagtccctg aagaagcaaa 350
aatccctttt ttagc 365

<210> 331
<211> 441
<212> DNA
<213> Homo Sapien

<400> 331
gaaaatatct ggaggtactg cacataagga ttccaatttc tattttcaga 50
actttcattt gtaatttatg tacgcatacta acgtctattt acgtgtatac 100
tgagttaggg tgtacaactt ttccctgagg ctgtatctca aaaactttgg 150
aagctgaaga atttgccaa atctatgttc cttttgttt gtaaatcacc 200
tgatgatggt gatatacgatg tggccaacga aatgtcaagg gaagtctgct 250
gggaaaggta gacgtaggat aggagtaggg gaaaaaaatta ttcactcaaa 300
agcatgatgc acagaggagc tatgatctt tcttgcgttc ctcactggat 350
gttgcgtatgt ctgtatgtac ttccctgaaac tgtggcacca tcttacaacc 400
atgaaaggag ctcacatgaa atcatgttga acatagcaga g 441

<210> 332
<211> 627
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 45-46, 52, 71, 173, 226, 275
<223> unknown base

<400> 332
aggttggtcc ttttcgggtt ttttgccaa tttcaagttt ccagnntcca 50
tnatccaagt ttgaagcccc ntggcggtc cttaaaaatc cctgacactga 100
ccagggtcgc caagggtcgc acaaggcctg ggccaggttc ccacagggag 150
gtgaaaaaac tcccattccg ttnaaaagca gtttccttg ggaccattt 200
cctttccct ttggccatgg ccgtgnccctc caaagggtcc ggtagttaa 250
tgcaaatgtt ctaccaatag ccccnagaac tccaccaccc tctctctgtc 300
ttgtggctca agtcgagcaa cctgaaagga tatattttt caaataagta 350
attcctgttag gcaataaaaaa gatacactat cttctgagtg aaatataaag 400
agttcacagc agctgtctcc ccagttgca ttttcctctg cacctgatgg 450
gaaggacaga taaagataat gggattttt ctttattttt tatttcacct 500
ccctctctcc ctggaaggtg gaaatgtaac aaattggatt gtgagtgtgt 550
ctgtccttg tgcttggtgc ctggagcagg gcatccggct gccggcaga 600
gctgctgcga gagaggtcag agctacc 627

<210> 333
<211> 607
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 112-113, 151, 175, 183, 196, 211, 215, 223, 241, 247
<223> unknown base

<400> 333
ccaagttgaa gcccattggcg gtccttaaat cctgcctgac cagggtcgcc 50
agggtcgggc aagcaagtgc cagaagaata aagaagatgg acgaaaaag 100
aagaaaaggaa gnnccagaag agacgaagag atgaaacgac agtcagatga 150
natgaggagg aaagaaaagg ttcanaaaagc cgncggaaat gaaagnncgtc 200
ctggttgaa ngaanttgcc aanagataaa tccagcagga naggccnaga 250
aagatcgagg tctgcttatac tgctgttacc ttggacacca gagcagctat 300
aggtatctgc cagagctatg aaatcattca gccggatcct cttcctcgtc 350
ttcctcctcg ccggcctgag gtccaaagccg ctccctcagc ccctctgcct 400

ttgggctgtg gctttccgga catggcccac ccctctgaga cttccctct 450
gaagggtgct tctgaaaatt ccaaacgaga tcgccttaac ccagaatttc 500
ctgggactcc ttaccctgag cttccaagc tacctcatac ggttccctg 550
gaaaccttcc cacttgactt cactgagccc ctcaaccctg acctccgaga 600
aaccccg 607

<210> 334
<211> 417
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 24
<223> unknown base

<400> 334
ttcagactca ctgaatcaga accntggat aggccagcac gctgtgctt 50
accaagctct aggtgatgcc aattcatact caagtgtgag gctgactggc 100
ttatttgaag ggagagaaaag gaacaggcac atggcgacat atcagcattt 150
acacaaggcg tgctggtaa ccataggaac acctttatta cggtaaata 200
ggaaacaggc atcaatgcag agggccccca ggagaatcag gaaggtcgcg 250
actgtcactg tctgagggca ctgttgtgaa acgatggccg aaggtgacaa 300
ccacagcaaa gtttcaagga agttcactga aacgtggaaa aacccactca 350
atgtcctgct ctcattata ttgagtggt taagtattta ttttcttgg 400
tttttagagg aagggag 417

<210> 335
<211> 531
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 40, 76
<223> unknown base

<400> 335
gaagcttccg ttgccaagcg acatgttcaa ggttaattcan aggtccgtgg 50
ggccagccag cttgagcttg ctcacnttca aagtctatgc agcacaaaaaa 100
aaggactcac ctcccaaaaa ttccgtgaag gttgatgagc tttcactcta 150
ctcagttcct gagggtaat cgaagtatgt ggaggaggca aggagccagc 200
ttgaagaaaag catctcacag ctccgacact attgcgagcc atacacaacc 250
tggtgtcagg aaacgtactc ccaaactaag cccaaagatgc aaagtttgg 300
tcaatggggg tttagacagct atgactatct ccaaaatgca cctcctggat 350

tttttccgag acttggtgtt attgggtttg ctggccttat tggactcctt 400
ttggcttagag gttcaaaaat aaagaagcta gtgtatccgc ctggttcat 450
gggatttagct gcctccctct attatccaca acaagccatc gtgttgccc 500
aggtaagtgg ggagagatta tatgactggg g 531

<210> 336
<211> 446
<212> DNA
<213> Homo Sapien

<400> 336
ggcgcccgag gcggacggcc gcttaaacgg ctgctagtgc cgattcttt 50
acctgagaaa tgctacgacc aactttcgt tcagtggac ttgcttcacg 100
tccccctgcct caagattctc ctcagcaaag gcctggggct gggcattgtg 150
gctggctcac ttctagtaaa gctgccccag gtgtttaaaa tcctgggagc 200
caagagtgc gaagggttga gtctccagtc tgtaatgctg gagctagtgg 250
cattgactgg gaccatggtc tacagcatca ctaacaactt cccattcagc 300
tcttgggtg aagccttatt cctgatgctc cagacgatca ccatctgctt 350
cctggtcatg cactacagag gacagactgt gaaaggtgtc gcttcctcg 400
cttgctacgg cctggtcctg ctggtgcttc tctcacctct gacgcc 446

<210> 337
<211> 489
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 16, 67
<223> unknown base

<400> 337
cggaacgcgt gggcgnacgc gtgggcaaga tgtccctgtg gactccaaa 50
ctctactcca gatgggnagg tgcccttaac accaagattt taaaagctcc 100
aatttcagag caagagtcga aaactcacag ataaagttat agttatttca 150
gggttctgaa aagacgcaga acatgaaggg actcagaagt ctggcagcaa 200
caaccttggc tctttcctg gtgttgttt tcctggaaa ctccagctgc 250
gctccgcaga gactgttgg aagaaggaac tggactcctc aagctatgct 300
ctacctgaaa gggcacagg gtcgcgcgtt catctccgac cagagccgga 350
gaaaggacct ctccgaccgg ccactgccgg aaagacgaag cccaaatccc 400
caactactaa ctattccgga ggcagcaacc atcttactgg cgtcccttca 450
gaaatcacca gaagatgaag aaaaaaaactt tgatcaaac 489

<210> 338

<211> 452
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 3
<223> unknown base

<400> 338
ccntgcacaa gcagcactt ctttgccat agcaacatgt gcatcaataa 50
ttcttagtc tgtaatggtg tccaaaattg tgcataaccct tggatgaaa 100
atcattgtaa agaaaagaaa aaagcaggag tatttgaaca aatcactaag 150
actcatggaa caattattgg cattacttca gggattgtct tggccttct 200
cattatttct attttagtac aagtgaarda gctcgaaaa aaggtcatgg 250
cttgcaaaac cgcttttaat aaaaccgggt tccaagaagt gtttgatcct 300
cctcattatg aactgtttc actaaggac aaagagattt ctgcagacct 350
ggcagacttg tcggaagaat tggacaacta ccagaagatg cggcgctcct 400
ccaccgcctc ccgtgcattc cacgaccacc actgtgggtc gcaggcctcc 450
ag 452

<210> 339
<211> 354
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 27
<223> unknown base

<400> 339
aaataaagaa ccatggtac atgttgtca gtgtttcaga cagaaagatt 50
gttgaagcat caaggagac ttttgttatg tggcaatgaa ctacgaagag 100
gaaatggcca agaaacccga ttgtcttagag aaagtttacc aactacctga 150
tggaaaggac atccagctcc atgaccagct ctttttttgtt ccagaggccc 200
tcttccttcc gtgtcatatg aaccttgagg cccctggcat tgataagata 250
tgcttcagca gcataatgaa atgtgataca ggcctgagga attccttctt 300
ttccaatatt atccttgccg gggatcaac ctctttccct ggtttagaca 350
agct 354

<210> 340
<211> 547
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 20, 77, 101, 142, 151
<223> unknown base

<400> 340
tggcggtcct aaaatcctgn cctgaccagg gtccggcggt tcagttggag 50
gaaaagtgt a gccttcagg tggcaantgg tccaggtacc ggtattggc 100
nggcccgtt ttgcctcctc ctccgtgggt gcggcgggaa tnttggccgg 150
ncggccttgg gacggcccag gtcccgcccg caaggtccgg gccaatacat 200
agtcatcagt agaaacttct tgaagttgtt caagaaaaat ttgaaagtag 250
caaaatagaa aataaagaat taacagcaga tacagaggca gcatgaagtg 300
ttgtcttagg aaacagaaca cagcagtcaa aaaacagaca aaatccgctc 350
agataacaact gcagctgata atgtttccg gcttcaatgt cttagagtt 400
gggatctctt ttgtcataat gtgcatttt tacatgccaa cagtaaactc 450
tttaccagaa ctgagtcctc agaaatattt tagtacattt caaccaggaa 500
aagcctcttt agcttatttt tgtcaagctg attccccaaag aaataca 547

<210> 341
<211> 374
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 34, 42
<223> unknown base

<400> 341
ccgaatcaag ttcgagtcat ccgtgtggc atngtcccc cntggcacag 50
ttggcttctt tccagaagcc cggtttgtt gtttacgtc taaattcgcg 100
tcggttctta tttctctccc tggcaaggc tgaagacggg taggagaata 150
acctgtgtca gcgtgttatg atgccgtccc gtaccaacct ggctactgga 200
atccccagta gtaaagtcaa atattcaagg ctctccagca cagacgatgg 250
ctacattgac cttcagttta agaaaacccc tcctaagatc ccttataagg 300
ccatcgcaact tgccactgtg ctgtttga ttggcgctt tctcattatt 350
ataggctccc tcctgctgtc aggc 374

<210> 342
<211> 515
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25
<223> unknown base

<400> 342

agttccggca agggtgtcatc cggcntgtgt gtggcgcaag gcaaggaaac 50
cggtaccgg gtcctggccc cagcgctgac gttttctctc cccttttttc 100
tctcttcgac ggttgccggcg tcgcagacgc tagtgtgagc ccccatggca 150
gatacgaccc cgaacggccc ccaagggcg ggcgctgtgc aattcatgat 200
gaccaataaa ctggacacgg caatgtggct ttctcgcttg ttcacagttt 250
actgctctgc tctgtttgtt ctgcctcttc ttgggttgca tgaaggcagca 300
agccttacc aacgtgcttt gctggcaaat gctcttacca gtgctctgag 350
gctgcatcaa agattaccac acttccagtt aagcagagca ttccctgtccc 400
aggctttgtt agaggacagc tgccactacc tgggttatttc actcatcttt 450
gtaaattcct atccagttac aatgagtatc ttcccagtct tgttattctc 500
tttgcttcat gctgc 515

<210> 343
<211> 509
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 18, 46, 63, 68, 117, 139, 145, 164, 173, 179, 181, 246
<223> unknown base

<400> 343
cctgacccag ggtccggngg caattttcca tttatgccct gtggtnccgg 50
acatacctag atntcagncc atttcctcca ggttttggcc ttgttttaag 100
gccctggct gggattncaa gtggcttgat caacccccnt ttggncagg 150
actaccctta gggncctgtga ccntgactnt ntgcagcatt ttcataccta 200
tcgggttggg cgttttcatt cgctacaaat acagccgggg gctgantaca 250
ttgtgaaggt ttccctgtgg tctctgctag tgactctggc ggtcctttc 300
ataatgaccg gcactatgtt aggacctgaa ctgctggcaa gtatccctgc 350
agctgttat gtgatagcaa ttttatgcc tttggcaggc tacgcttcag 400
gttatggttt agctactctc ttccatcttc cacccaaactg caagaggact 450
gtatgtctgg aaacaggttag tcagaatgtg cagctctgta cagccattct 500
aaaactggc 509

<210> 344
<211> 336
<212> DNA
<213> Homo Sapien

<400> 344
cctaaatagg gccctggata tattcaaacac ttccattgtg actccaatat 50
attatgtatt cttaacaaca tcagtttaa cttgttcagc tattctttt 100

aaggagtggc aagatatgcc tggtgacgat gtcattggta cttttagtgg 150
cttccttaca atcattgtgg ggatattctt gttgcattgcc tttaaagacg 200
tcagctttag tcttagcaagt ctgcctgtgt ctttgcggaa agacgagaaaa 250
gcaatgaatg gcaatctctc taatatgtat gaagttctta ataataatga 300
agaaaagctta acctgtggaa tcgaacaaca cactgg 336

<210> 345
<211> 380
<212> DNA
<213> Homo Sapien

<400> 345
ttaagtgc aaaccatgcagt gcccggaggat gataccatta gcaatgactc 50
caatgatttc accgaaggtag aaaatggtca gataaaatagc aagtttattt 100
ctgatcgta aagttagaaga agtctcacaa acagccattt ggaaaaaaaaag 150
aagtgtgatg agtatattcc aggtacaacc tccttaggca tgtctgtttt 200
taacctaaac aacgcattt tggcagtgg gatTTTggga ctgccttg 250
ccctggcaaa cactgaaatc ctacttttc tggtaactttt gacttcagtg 300
acattgctgt ctatataattc aataaacctc ctattgatct gttcaaaaga 350
aacaggctgc atgggtgtatg aaaagctggg 380

<210> 346
<211> 364
<212> DNA
<213> Homo Sapien

<400> 346
gcagcattca gagttactgg ctgtcatttt tcatggtgat gatTTTattt 50
gtagcttca taacctgttg ggaagaagtt actactttgg tacaggctat 100
caggataact tcctatatga atgaaactat cttatatttt ctttttcat 150
cccactccag ttataactgtg agatctaaaa aaatattctt atccaagctc 200
attgtctgtt ttctcagttac ctggttacca tttgtactac ttcaggtaat 250
cattgtttta cttaaagtcc agattccagc atatatttagt atgaatattc 300
cctggttata ctgtcaat agtttctca ttgctacagt gtattggttt 350
aattgtcaca agct 364

<210> 347
<211> 752
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 40, 47, 73, 87, 235, 256
<223> unknown base

<400> 347
acaatgttgg gtaaaataat tgggggggac ttttggccn ttcaggntta 50
atagtattaa gtctatggc aantggagcc ttagganaat ttggggggtt 100
tttaatctt ttcctggtgg gcttagattt ttctccagaa aagttaagaa 150
aggtgtgaag atttccttac aaggcccgtg ttacatgccca ctgttaatga 200
ttgcatttgg cttgctgtgg gggcatttct tgcnatcaa acccacgcag 250
agggtnttca tttccaaggt gtctgtcctt tgtcaagcac acccctcgtg 300
tccaggttcc tcatggcag tgctcggtt gacaaagaag gcgcacattga 350
ctacagcacc gtgctcctcg gcatgctggt gacgcaggac gtgcagctcg 400
ggctcttcat ggccgtcatg ccgactctca tacaggcggg cgccagtgca 450
tcttcttagca ttgtcgtgga agttctccga atcctggtt tgattggtca 500
gattctttt tcactagcgg cggttttct tttatgtctt gttataaaga 550
agtatctcat tggaccctat tatcggaaagc tgcacatgga aagcaagggg 600
aacaaaagaaa tcctgatctt ggaaatatct gccttatct tcttaatgtt 650
aacggtcacg gagctgctgg acgtctccat ggagctggc tggcctgg 700
ctggagcgcct cgtctcctct cagggccccg tggcaccga ggagatcgcc 750
ac 752

<210> 348
<211> 342
<212> DNA
<213> Homo Sapien

<400> 348
aaaaaaaaaaaa aaaaaaaaaa agaaccactt ctgccttatac attctctttt 50
tattaccgaa atgcggagac agaaagtcaa cagagaaaga attgtttcc 100
ccaaggccac acagattgct ccaacacttg actttcctg ctaggaactc 150
aatccaagag atgggcttc ttttgttctc tgactataaa agggtgtcac 200
cttgcacca tcttctatca cacaggaccc ctatggctt ggtttggtt 250
tgttcttca tcattattat ttggaaagtt atatttcctt tactgtcctt 300
gaggtgtgag gttcacctc atcttgtctc catatccctg ag 342

<210> 349
<211> 608
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 46, 101, 110, 132, 271
<223> unknown base

<400> 349
tggatccat ggccagggng gcgtccaggt gcaaaccagt agaacncaag 50
gcctgaacct ggggcccagac accttgttt ccccgccat ggtcaagacc 100
ntccagtacn tgccttactg tggcccaaga antggccaa gtcttggcag 150
cccggtccgc aggttgttgc gcagttggg gtgttcttgc gcaccatct 200
cctttgctc tgggtgtctg tcttcctcta tggctccttc tactattcct 250
atatgccgac agtcagccac ntcagccctg gcatttctac tacaggaccg 300
actgtgattc ctccaccacc tcactctgct cttccctgt tgccaatgtc 350
tcgctgacta agggtgacg tgatcgggtg ctgatgtatg gacagccgta 400
tcgtgttacc ttagagctt agctgccaga gtcccccgtg aatcaagatt 450
tggcatgtt cttggtcacc atttcctgct acaccagagg tggccgaatc 500
atctccactt cttcgcggtc ggtgatgctg cattaccgct cagacctgct 550
ccagatgctg gacacactgg tcttctctag cttcctgcta tttggcttg 600
cagagcag 608

<210> 350
<211> 590
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 38, 85, 87, 117, 189
<223> unknown base

<400> 350
aaattgaaa cccataagtt accaagtcta tatcaggnnc agtggcttg 50
attaaagccc atttttaaaa cttaaaaact caacncntcc cagattataa 100
tagaaaaaga aatggcntca gtttgatctc gttcagaatg cccagattg 150
ttctgcttg gggcagctgt ttagttcaga gtttatattnc agagaattat 200
tttctgagat aatcttaaac tagaatgttc aaaactaatt gataattgaa 250
gtatcaagat acgtagaaca cctcagagat tttcttcag gaacttccac 300
aaactttgaa tccttgtatc tttatttggt attcatacta ctagtagcaa 350
aatacagggtt tttgttttg tttgttttg tttggcttc atagagttatc 400
tcaaattgaa acttttctgc acaaagaata aaattaagga ttttataaac 450
tcaaattggc acctactgaa taaaataca taaaatcatt taaatataat 500
tcagcatatg ggaagtaaca ttgcactaat atggaaatca ctgccagaga 550
cagtctattt tcttttaatt tgttactact tagtcacaaa 590

<210> 351
<211> 517

<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 20, 65, 78
<223> unknown base

<400> 351
tcagaaggga atgaaatccn cagcggacct ggcataaaaa actttggca 50
aagcaattga attgnaagca ataaaaacnga ctttatcaag tcctaaatgt 100
acaagagaag aagagaaaaat cacttgacaa tgaagttgaa aagacagcaa 150
atcttgtcat tagcaactgg aatcagcaaa ttaaggccaa gaagaaatta 200
atggtagtca ccaagaaaca tgaagcactt ttccagctt tagaaagctc 250
caagcaatct atgactgaga aggagaagcg gaagctcctc aataaactga 300
caaaatcaac tgaaaagttg gaaaaggaag atgaaaatta ctacaaaaaa 350
aacatggcgg gttattctac cagactgaaa tggaaaaaca cactagagaa 400
ctgctaccag agcattctgg agctggagaa ggaaagaatt caactttat 450
gcaataactt aaaccagtac agccaacata tttctcttt tggccaaacc 500
ctgaccacat gcccacac 517

<210> 352
<211> 559
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 31, 59, 104, 126
<223> unknown base

<400> 352
tttaaagaaa tggtaaata ctgagcctt ntgcaacctt ttttggaaagc 50
accagccnc agaagattct gtgacttgtg tgcttttagg tgcaccctca 100
gacntctggc tcagtacacc tcgggnntgat tgagactgtt gcctcagtc 150
ctcatttggg ttgacattat tcatttaat gaatgaatac atttgcgc 200
gaaagtggaa ttctctcatt gttgagagaa aattctcagc ttgagtcaag 250
aagttccat atttaccaga accttctagc tttgatgagc ataatcactg 300
ctaaaataat gtgtcttctg agcagctggg taccagtgcc tgtggcctgt 350
agcattagtt actgcctgag ggatggtgac ttttaccgca gaatgggg 400
cttcgttgac ttgtcttctc tcctctccct cttaccact tcccggagaa 450
acaggacagc aggcacagcc agtaacaagc tttggtaacgc ctccctggcc 500
ctggtagcgc tcatacatgta ttccattgcc actggaggct tggtttgat 550

ggcagtgtt 559

<210> 353
<211> 609
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 48, 163
<223> unknown base

<400> 353
gtggccaaat gctgtccaaa ctacaggggg ttaatgtaaa gcttgtgnta 50
acatatgaaa agtatttaga aagagcttgg catgtagtaa ccactcaata 100
aaagtttagct actattatga agtgtttcc aatggtttat tttagaagcaa 150
aatagtatca gtntagaagt ccaggcttgt ttttctccca aacatgttt 200
cacaagtgc tccatggct ccttcctt ttcttcctcc tcttcctcta 250
aaaacatatt ttgctgtgtc tgcttggtca tcttcactg ggccagagaa 300
agaatccctg agggttggac aaggggagca gctgagttgg tgagaaaaagg 350
agcccagcag gttgaatgcc tcgaaccact gtgatgagct cttgagctgg 400
gtgccaatca aagtgaagca gtggggcttg ccaggtgaga tgttaatttc 450
agcagtcaca cgtgtccctg tctggactct ccctaggact cttgacccta 500
ccctgcagtg gtttgaatgt gattttatta ggctttcatt acattctcat 550
atcattttt tcacttgta tctaagctac acgagagcca gtgttagtgc 600
ttgtccttg 609

<210> 354
<211> 603
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 23, 27, 68, 74, 137
<223> unknown base

<400> 354
ccggtaaccc attgggcctg gcntaanaaa gtttttttaa gccattagac 50
gtttttaaag gaattggnag atgncaattt gggaaatatt taaaatttaa 100
gtaaaatata aagcttcctt atttcatgtt acccagncaa tctcagtata 150
catgatcagt tgtgtctgac agttaaatct atttgaggcc ttatcacacg 200
ttacttttaa gaactagaaa ggaaaagtca ctgatcttaa gtatttataa 250
tacttcatgt ggtctaatac ttttacgtt ttgtttgtat tcagatttag 300
tccggattcc cggtatctgg cagtaggttc tagtgagaac tcagtggatt 350

tttatgacct aacgctggc cccactctta acagaatcag ctactgcaaa 400
gacattccaa gcttgcat tcaaattggac ttctctgcag atagcagtta 450
tctccaggta cagtaccaat actgtataacc caggtggcaa gttctctgc 500
tttacattt cgtgttagtg aatgcattta aagttcctga gctccagagc 550
tccagcttct caactcctcc ctttgtacct tctgacctac agtcctctt 600
tcc 603

<210> 355
<211> 633
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 79, 101, 115, 122, 135, 161, 192, 204, 252
<223> unknown base

<400> 355
tcatggcggt atactttggc aagtggttat ctttaacgg gtttcatttt 50
cccagttgtt aaatttacag ttggtaant aaaagtttt cccagtagca 100
ncagggcgta atcanagatc cntaagtgtt tagtnccagg catgtgctt 150
ttaaagtggg natggctatt tacagattgg cctacactgt tntggggaa 200
gccntcagtg accaaggagc agaggtactt gaaaccacc cttgaagcca 250
tntggatgct ccgttcattc aaatctgggg tgttctaacc caaagtaact 300
ggccacagac tgcaatgtaa gatacaaatc ttcaggacct agtgtgtgca 350
catgttggct cttatataag atggcatcct tagtacttgt tctatgtaga 400
aaagaatttg tgggctcaca agtccctaca gagtctcaca ctctcatggc 450
caataagtat acaggatac ccgaaattag acaaacacag atgagacatt 500
tatttctgta tatgaattta ttttatttat ttatttattt tttgggacag 550
ggtctcgctc tgtcgccccat cctggagtgc ggtggctgg ctcattgcaa 600
gctccgcctc ccgggttac accattctgc ctc 633

<210> 356
<211> 569
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 41, 64, 83, 86, 115
<223> unknown base

<400> 356
ttaatttagat aatttaagt agcgaaaa tctacaatgt ntgaagaagt 50
gacctacgctg acantcacat ttcaggattc tgntgnagca aggaataacc 100

gagatggaaa taacntaaga aaaagaggc atccagctcc atctcccatt 150
tggcgcatg ctgctctggg tctggtaact cttgcctga tggtgctgat 200
tgggctggtg acgttgggaa tgatgtttt gcagatatct aatgacatta 250
actcagattc agagaaattt agtcaacttc agaaaaccat ccaacagcag 300
caggataact tatccagca actggcaac tccaacaact tgtccatgga 350
ggaggaattt ctcaagtcac agatctccag tctactgaag aggtaggaaac 400
aaatggccat caaactgtgc caagagctaa tcattcatac tttagaccac 450
agatgtaatc catgtcctaa gatgtggcaa tggtacccaa atagttgcta 500
ctatTTACA acaaATGAGG agaaaacctg ggctaacagt agaaaggact 550
gcataGACAA gaactccac 569

<210> 357
<211> 565
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 7, 19, 117, 197
<223> unknown base

<400> 357
caaaaanagt gcccgccng ttgttgtaag tgaagggacg gcagtcagtt 50
gaccctgcag tgtgcaggcg agcgcaggaa gtacgccatg tcctgagaag 100
ggcgattct caggctntgg cagttacagc ttctccctcac cctggcgagc 150
aaccaggcca cggggctccg tgcattcgcca cctagagtgt taccctnttc 200
cttgttcacg gaggttctcc gcagtgtgtg agaaagaggc cctctctcag 250
atgaatggat aaagaaaaatg caggacatat ggggggagga gccaagatgg 300
ccgaatagga acagctccgg tctacagctc ccagtgtgag cgacacagaa 350
gacaggcaag aagaataaat gtctctggtg gaactttgc tctggtgaa 400
ctgctttct agaactggtg ttgcagcatc cctggaaagtg tcagagagcc 450
ctgggagtat ccaggtggcc cggggtcaga cagcagtcct gccctgcact 500
ttcactacca gcgctgcccattaaacctc aatgtcattt ggatggtcac 550
tcctctctcc aatgc 565

<210> 358
<211> 575
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 138, 536
<223> unknown base

<400> 358
ggttccctaa agattgaagc ttttaagac tcagctttg acacattac 50
taattatact taattgttcc ttggtgattt cacccccgtg gtttgttc 100
ccttgaactc cacactcatt acgttcagag cttttnta cactactga 150
attatttta ttttaggtata taaaatactg gtggcaatag cataaattct 200
aagtgttaaa cttgatgaag taatattgtt cacctatgtt agcactgccc 250
agactgatat acatttacag cctaaggagg cttcttgcg ctgcttgct 300
attaatattc cattgccag aaatagcccc tctcctaatt tccataacca 350
gagataagct tacatgttt tccgcttcat gttaatggaa tcgtacgctg 400
aaccdtttt tgtgtcttgtt ttctttgct caacattatt tcatgcaaca 450
ataaggatgg ctctctcaga cataatattc attttattt atgttagtgg 500
ttatggaat tgcaactgagt tagagaaact gaagtnntgaa ggaatagttt 550
ccacaagact gccctcattt cagac 575

<210> 359
<211> 553
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 60, 83, 87, 98, 104, 106, 170
<223> unknown base

<400> 359
agtgcgtcc cggtgttgcg agtgaaggac ggcagtcagt tgccctgcag 50
tgtgcaggcn agcgcaggag taccgcgtt tcntaanaag ggcgattntc 100
aggntntggc agtacagttt ctctcaccc tgcgagcaaa ccaggccacg 150
gggctccgtg catcgccacn tagagtgtt ccctcttcgt tggtcacgg 200
ggttctccgc agtgtgtgag aaagaggccc tctctcagat gaatggataa 250
agaaaatgca ggacatatgg ggggaggagc caagatggcc gaataggaac 300
agctccggtc tacagctccc agtgtgagcg acacagaaga caggcaagaa 350
gaataaaatgt ctctgggttga acttttgctc tggtgaaact gctttcttag 400
aactgggttt gcagcatccc tggaagtgtc agagagccct gggagtatcc 450
aggtggcccg gggtcagaca gcagtccgtc cctgcacttt cactaccagc 500
gctgcctca ttaacctcaa tgtcatttgg atggtcactc ctctctccaa 550
tgc 553

<210> 360
<211> 502
<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 40, 57, 63, 68, 78, 84, 88, 138, 350

<223> unknown base

<400> 360
caaaaatgtta agaacgtcca ctcctaatct gtgggtggtn tgcattgccg 50
ggcccccgtgg ttntcttntg gcattttntg cttnntgcntc atattcttgt 100
taggccaggt gggcttgttg caggacaccc ccagtgcntg gattacgggc 150
cccccttcca gcccccttgc caccttgagt tttgctctga ctatgagtcc 200
ttcggctgct gtgatcagca caaggaccgc cgcatcgctg cccggtaactg 250
ggacatcatg gaatattttg atctgaagag acatgagctg tgtggagatt 300
acattaaaga catccttgc caggagtgct cgccctacgc agcccacctn 350
tacgacgcccg aaaacaccca gacgcctctc cgaaatctcc cgggcctctg 400
ctctgattac tgctctgcct tccattctaa ctgtcactca gccatttccc 450
tgctgaccaa tgaccgcggc ctccaggagt ctcatggaag ggacggtaacc 500
cg 502

<210> 361
<211> 459
<212> DNA
<213> Homo Sapien

<400> 361
cccacgcgtc cggcttgaag actgacaaga tgtccctgtg gactccaaaa 50
ctctactcca gatggggagg tgcccttaac accaagattt taaaagctcc 100
aatttcagag caagagtcga aaactcacag ataaagttat agttatttca 150
gggttctgaa aagacgcaga acatgaaggg actcagaagt ctggcagcaa 200
caaccttggc tctttcctg gtgtttgtt tcctggaaa ctccagctgc 250
gctccgcaga gactgttgg aagaaggaac tggactcctc aagctatgct 300
ctacctgaaa ggggcacagg gtcgcgcatt catctccgac cagagccgga 350
gaaaggacct ctccgaccgg ccactgcgg aaagacgaag cccaaatccc 400
caactactaa ctatccgga ggcagcaacc atcttactgg cgtcccttca 450
gaaatcacc 459

<210> 362
<211> 442
<212> DNA
<213> Homo Sapien

<220>

<221> unsure

<222> 23, 53, 59, 70, 357

<223> unknown base

<400> 362
aatcacccgg gtcgctgttc ctnaggtggt caaggtggac aggggcggtg 50
gtnatggcnc agtttacan tgaataccag cgccctagagg cctcctata 100
tgattcaccc ccaggggagg aggacctgtt ggtgcacgac gccgaggga 150
gcaagtacc ttggcaccat attgaaaacc ttgacctctt cttctctcga 200
gtttataatc tgcaccagaa gaatggcttc acatgtatgc tcataggga 250
gatcttttag ctcatgcagt tcctcttgtt gggtgccttc actaccttcc 300
tggtagctg cgtggactat gacatcctat ttgccaacaa gatggtaac 350
cacagtncc accctactga acccgtaag gtcactctgc cagacgcctt 400
tttgccctgct caagtctgtt gtgccaggat tcaggaaaat gg 442

<210> 363
<211> 511
<212> DNA
<213> Homo Sapien

<400> 363
gtccgaacct gagcaaacac agcagcccga gtgttcccaa ggccaaaatg 50
ctgagaacgt ccactcctaa tctgtgtggt ggtctgcatt gccggggccc 100
ctggctctct tctggcattc tctgcctctg cctcatattc ttgttaggcc 150
aggtgggctt gtcgcaggaa cacccccagt gcctggatta cgggccccct 200
ttccagcccc ctctgcaccc ttagtttgc tctgactatg agtccttcgg 250
ctgctgttat cagcacaagg accgcccgc catcgccgg tactggaca 300
tcatggaata ttttgcattt aagagacatg agctgtgtgg agattacatt 350
aaagacatcc tttgcaggaa gtgctcgccc tacgcaggcc acctctacga 400
cgccgaaaac acccagacgc ctctccggaa tctccgggc ctctgcattg 450
attactgctc tgccttccat tctaactgtc actcagccat ttccctgctg 500
accaatgacc g 511

<210> 364
<211> 407
<212> DNA
<213> Homo Sapien

<400> 364
cccacgcgtc cgtgaacaca caaagagctt attttggtagt gcaaatacac 50
attaataaga atgccttagaa gaggactgat tcttcacacc cggaccact 100
ggttgctgtt gggcattgtt ttgctctgca gtttggattt atttatgtac 150
ctcctggat gtgcggggca gactgatgga aatgcacatc ttcctgggt 200
tgttggggaa aattatggta aagagtatta tcaagccctc ctacaggaac 250

aagaagaaca ttatcagacc agggcaacca gtctgaaacg ccaaattgcc 300
caactaaaac aagaattaca agaaatgagt gagaagatgc ggtcactgca 350
agaaagaagg aatgttagggg ctaatggcat aggctatcag agcaacaaag 400
agcaagc 407

<210> 365
<211> 552
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 42, 85, 93, 103, 129
<223> unknown base

<400> 365
tggttgggc ctccaagatt agaatgttac tagggccaaa ancagtggga 50
ttggtaaaag aggcaatgtat acccccattga gagcnttcac atncagaacc 100
agncagaact tcaaagggttt tgatgatanc aatgatgatt tcctgacaat 150
ggcagaatgt caattcatta tcaaacatga acttgaaaat ctttagagcta 200
aagatgaaaa aatgatccct ggttaccctc aggcaaagtt gtatccagga 250
aaatcattgt tgagaagatt gctcacgtct ggcacatgtga ttcaggtgtt 300
tccactgcat gacagtgaag ccctgaagaa gcttgaggac acctggtaca 350
ctcggtttgc tttgaagtat cagcccatag agaatcacag attggaatct 400
gcctatcaga accatctaatt tctgaaagtt ttagtgttca acttcctcaa 450
ttgcttgcc tcactcttct atattgcctt tgtcttgaaa gatatgaagc 500
tttgcgcca gagcttggcc actctcctaa ttacctcccc gatcctcaac 550
cg 552

<210> 366
<211> 244
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 74, 199
<223> unknown base

<400> 366
atttGattaa attatGAATG agttttacAA attcctttCA gagttttact 50
aAGatCACAC aaataaacAGC tttnttattc agtgaaaaAG atattttatt 100
tctgatgttt tatttgcact cgtggaaatAT gttaccattA atcagaaACA 150
tcatggcaac ccctaagaat agactaagtt tGTGTTGGCT gagggattnt 200
atttggtttg ctTTTTTTT gctttgttat attttattgc taca 244

<210> 367
<211> 448
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 100, 148, 251, 352
<223> unknown base

<400> 367
ggctacaact gctcaacatg ggaaaagaca ttccgggcag atcggcttt 50
gaaagcttaa agggagcttg atgctggcaa tgggatcaga gtgttgacn 100
tgacatcgaa atgttcattt ctagtctgac catctggctc ctctgtanaa 150
acattgttca gaaacctgtg acagacgaag cagcacagag taaccggag 200
tttggaaaatg aagaattggc tgaaggagaa aaaattgatt cagaagaggc 250
nctgatctat gaagaggatt tcaatggagg agatggtgtt gaaggcgagt 300
tggaaagaaag cacgaagttt aaaaatgttcc gcaggcttgc ctctgtggcc 350
tnaaagctca aggagttcat tggcaacatg atcaccactg ctggaaaagt 400
cggtgttacc atcttactgg gtcctcgaa catgatgttgc cggtcttgc 448

<210> 368
<211> 636
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 40, 57, 81, 133, 156, 158
<223> unknown base

<400> 368
ttaagccgga aaatccccctt gaaccagaa gcggaaaggtn cagtcaccca 50
aaatggngcc cattgcattt cagcctcggt ncggagcaag actttgttta 100
aaaaaaaaat ttaaattttttt cattaccctt agntaatttt taaattttttt 150
gtgaananag ggcctcaactg tcttgcccag gctggtctcg aactccaggc 200
ttcaggttat cttctgcct tgcctccaa agggcgggat tacaggtgttgc 250
agccactgttgc cccaaactcat tacttttttta aaaaattttttt ttccatttttct 300
agtttatata tgacaggttac ttacttttaag tagtaaatat tatgttttaac 350
aataaaataaa aatgtatcagg atttcccccg acatgctttc ctttcttctc 400
tttttcttcc tttctctctc attttatccc ttctcctgcc ctttttgaa 450
gtccttatttgc gagaaaaaaa taacttgccc tatttgtttc ctcactaattt 500
gttatcagtc tcgggttatca aggcaaggcag attcaaatttgc ctgtaatata 550
tacaqtqcaa ttaqattaqa qtctactaaq aatttatgc qaqaaatqttc 600

aaaatacttt tctaaagtta attttttag tattca 636

<210> 369
<211> 458
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 34, 38, 57, 73, 118
<223> unknown base

<400> 369
tagaagggccatggacc ccagatccat ttcntagnaa ggccgtcatg 50
acacccngga tccatttcct agnagggccg tcacatgcacc ccggatcctt 100
ttcccctcag aggggctngt catgactcag acacatctcc tcccagagga 150
tccgtcatga ctcctcagac acttcacccca caaggagggc ccgtcatgat 200
tctccagatc cttctccccca aaggaggcct cagcataatt ctgcaggtgc 250
atctcctagg agagtccgtc atgattcacc agatccctct ctccttaggc 300
gagcccgta tggttcctca gatatcttt ccccaagaag ggtccataac 350
aactccctg acacatctag gaggactttt ggctcttcag acacacagca 400
actcagaagg gcccgcatg actccctga ttggctcctt aatgtcactt 450
attccctg 458

<210> 370
<211> 538
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 5, 20, 47, 88
<223> unknown base

<400> 370
cggangcgtg gccgaacgcn tggccaacc atatgccagg ttcaacncgg 50
ataaaagtta ggaaacgtaa ccagcttcat tttttgnca gcagacttaa 100
agatctgaaa cttggaaacta atatcaagga tttatgtgt gctcttgaa 150
ttctgtgaa gaatccagtgc ctcatatgcc tagctctgtc aaaagctaca 200
gaatatttag ttattattgg agcttctgaa ttttgccata tatatttaga 250
aaatcagttt atattaacac ccactgtggc aactacactt gcaggacttg 300
ttttaattcc aggaggtgca cttggccagc ttctggagg tgtcattgtt 350
tccacattag aaatgtcttg taaagccctt atgagattta taatggttac 400
atctgtgata tcacttatac tgcttgtt tattatTTT gtacgctgta 450
atccagtgca atttgctggg atcaatgaag attatgatgg aacagggaaag 500

ttggaaacc tcacggctcc ttgcaatgaa aaatgtag 538

<210> 371
<211> 692
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 51, 77, 87, 103, 119, 154, 158, 165, 183, 212, 329, 476
<223> unknown base

<400> 371
aataaaaaat ggcttaaaag aacattccg aaccaaaagg aaccgggtcc 50
ngccttaaca aagtggaca ttggccntca aaggggnctt catgggaaca 100
tcntgtttg cgggggcang cacaatggtc aagggttcc ctaaccgttt 150
gcanaagnag ttaancagca tgtgtcccaa tgnccccgc aggtaaaacgt 200
gctgcctgaa anagccagtc cgtgtggacc ggggctccat cctggcctca 250
ttcagggttt ccaaccattt tgggtccacc gctttagtgc cgaggaacac 300
gggcctttct tcctctacag aaggtgttnt gaacggcgac aactttggcg 350
tcgtgagatt cttgtgaggc gtctgcctgg aagccggcag caattttgc 400
ttctttaaag agaaaaaagaa ggcttagggac tcagattcct ggattctgag 450
atccagacca gtcctccca gacctntcca gaagaagcca tggaaacccc 500
tcgtatccag catttgctga tcctcctggt cctaggagcc tccctcctga 550
cctcgggcct agagctgtat tgtcaaaagg gtctgtccat gactgtggaa 600
gcagatccag ccaatatgtt taactggacc acagaggaag tggagacttg 650
tgacaaagg gcactttgcc aggaaaccat actaataatt aa 692

<210> 372
<211> 399
<212> DNA
<213> Homo Sapien

<400> 372
gtgcgcataa agaggaggcg cttgccttca gcttgtggaa aatcccgaaag 50
atggccaaag caactcaact gttcggtgct tccagggcct gctgattttt 100
ggaaatgtga ttattggttt tgccggcatt gccctgactg cggagtgcatt 150
cttctttgtt tctgaccaac acagcctcta cccactgctt gaagccacccg 200
acaacgatga catctatggg gctgcctgga tcggcatatt tgtgggcattc 250
tgcctcttct gcctgtctgt tctaggcatt gtaggcattca tgaagtccag 300
cagaaaaatt cttctggcgt atttcattct gatgtttata gtatatgcct 350
ttgaagtggc atcttgtatc acagcagcaa cacaacgaga cttttcac 399

<210> 373
<211> 567
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 53, 78, 122, 286, 419, 449
<223> unknown base

<400> 373
tttaaggatg ttgccatgna ccatgtttt tcaaatttg 50
ggncgtttt ggagtcttg accgctanga tggtttcgt cgtctggaa 100
cttgatcaga cttaaagat tntaaatttg gaagatcagg gtgcacttt 150
gagtgtatgat gaaatatttg tagccgcca 200
ggccttgcgc aaatactttg aggctcacct ggccattaaa ttggaacaag 250
tgaagcagtc acttcagagg actgagggtg gcattttgt ccacccacaa 300
cccccgtaa aggcatgctc atatactcat gaacagattg tggaaatgat 350
ggaattttt 400
atagaatatg gcccagcgca gctatattgg gaaccagctg 450
aagtttcct caaactttnt tgtgtgcaac tcttggca gcttatttt 500
attgcctgca attggaagac ctattatgca aggaatgaca ctgtgcgtt 550
tgctttggat gtcctggcta ttcttactgt ggtgccaaaa atccagctcc 600
agttggcaga atcagtg 567

<210> 374
<211> 299
<212> DNA
<213> Homo Sapien

<400> 374
aaattttta aaaaaactcc ttaataggcc ctttttttt ttaacctgaa 50
agttgactac ctaccttca ggaaatatat atttttggg ttttagctagg 100
ttgactttct tctagaaatg gaaaagatgg caccctcggt accaaagtgc 150
tggactctg cactatgctt gtgtgtatgt gtgtgcctat gtcttgctct 200
cttatctccc agcagtgaga cattggacgt gtttgctcat gaagatgcag 250
tatatggctt gtctgtgagc ccagtgaatg acaacattt tgccagttc 299

<210> 375
<211> 556
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 53, 55, 66, 111, 156, 188, 295, 517, 552
<223> unknown base

<400> 375

tttttttggg aggaggaatg tncattcagg gagtagctt ttggaaaaaa 50
ttntntaggg ctacanacag tcatagggtga ctttctttct gctgtaaaaa 100
ctcccagagt ntcttaggg atttcccta aggtgaccac caggcacacc 150
tcagtnnnn tgaccagag cctgaaaact gtttcantg ggttccacca 200
gtcccagcaa aatcctctt gtatttattt tgctaagtta ttggggttt 250
gcttacatct catgattgat ataataccaa agttctatag ccttntcttg 300
cagtatttgg atttgcttga aaccggaaa actgttccca ttaggcttgt 350
taatgtcaga gtgacactat tatgaatctt tctctccctt tcctcgccct 400
gtttcttctc tctttctct tcaaacttgc tctgcagcta aggaaggta 450
gtctacttcc cctgaggctt tgggtcaga gtatatgtt tttggagaaa 500
gagggcaatc aggactnttc tgggacccag atgagttctt cactagccct 550
tntgaa 556

<210> 376
<211> 499
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 38, 68, 191, 193, 196
<223> unknown base

<400> 376
aaatgttacc ctatcctcgg anaagggttt gaatccnct gatgtgtgtg 50
gatccatttt ggtgggnca atgattctct cgtcctattt tattaacttc 100
atctacccctg caagagcaca aaaaaaccat gctaacttta actttggatg 150
tgcaattaca ttccctcctt ttgcaggac atttttcca nanagnntcca 200
atcctggta atccgaagcc aaagagagtg tttcttcagc atatgactag 250
aacattccat gacttggaaag gaaatgcagt taaacggac tctggaatat 300
ggatcaatgg gtttgattat actggaattt ctcacataac ccctcacatt 350
cctgagatca atgatagttt ccgagctcac tgtgaggaga atgcacctct 400
ttgtggtttt ctttggatc ttccagtgc a ctttctgatc aggaaaaact 450
ggtatcttcc tgccccagaa gtttctccaa gaaatcctcc tcatttccg 499

<210> 377
<211> 612
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 61, 63, 173, 419, 475
<223> unknown base

<400> 377
tttgactggg tgtaagaata tgctgttcca gcagaccaag gatggcattg 50
ggaaatctgc ntntgggta ggcacatctt catggctat ttggaaagtg 100
agacttgaaa ctacagaggc catcgatgtat gaaggctggt tacactctgg 150
ggatttggc cagctggacg gtntgggtt cctctatgtc accggccaca 200
tcaaagaaat ccttatcact gctggtggtg aaaatgtgcc ccccatcct 250
gtttagaccc tggtaagaa gaagatcccc atcattagta acgccatgtt 300
agtaggagat aaactgaagt ttctgagcat gttgctgacg ctgaagtgtg 350
agatgaatca gatgagcggg gaacctctgg acaagctgaa ctgcaggccc 400
atcaacttct gtcgggtnt gggcagccag gcatccaccg tgactgagat 450
tgtgaagcag caagaccccc tggtnacaa ggccatccag caaggcatca 500
atgctgtgaa ccaggaagcc atgaacaatg cacagaggat tgaaaagtgg 550
gtcatcttgg agaaggactt ttccatctat ggtggagagc taggtccaat 600
gatgaaaactt aa 612

<210> 378
<211> 282
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 194
<223> unknown base

<400> 378
gtggaggaag aagacattat acaaaacaaa tttagaaact gggatcatga 50
gtggaaaaac aaaggcaaga agggctgcca tgtttttag acgttgctct 100
gaagacgcca gcggtagcgc cagtggcaat gctttgttat cagaggacga 150
aaatcctgat gcgaatgggg taactcgatc atgaaagatt attntaagta 200
caatgcttac actgactttt cttctttag gactcctaaa tcattcgtgg 250
cttaaagaaa cagatgttcc tcagaaatcc ag 282

<210> 379
<211> 680
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 24, 35, 71, 77, 173
<223> unknown base

<400> 379
agccaaaatc cttggccaaa ttngcattt ccaantccgg aggccaagaa 50

aggaagaaaag ttccccaggt ngaaaancaa acttggattt tcagcaatat 100
ggatttatta atcaaatgtg gttaccattt gggcccttcc gggggatttt 150
aagtacttt ccatacctag ctnttataca tactattatt ctcatggcag 200
tagcaacttt tggttcaa atccccaaac atgctaaaaa gtagaacatt 250
ttgtttcaat attaggaaag tgcttgaat ccccttggac gacaaaagcg 300
ttgtctgaga cagcatgcga agactcagag gaaaacaagc agagaataac 350
aggtgcccag actctaccaa agcatgttc taccaggagt gatgaaggga 400
gcccccagtgc cagtacacca atgatcaata aaactggctt taaatttca 450
gctgagaagc ctgtgattga agttcccagc atgacaatcc tggataaaaa 500
ggatggagag caggccaaag ccctgttga gaaagtgagg aagttccgtg 550
cccatgtgga agatagtgac ttgatctata aactctatgt ggtccaaaca 600
gttatcaaaa cagccaagtt cattttatt ctctgctata cagcgaactt 650
tgtcaacgca atcagcttg aacacgtctg 680

<210> 380
<211> 660
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 55, 96, 146, 162
<223> unknown base

<400> 380
cggatcctt aaaatccctg acctngaccc aagggtccgg taaaatcaat 50
ttgtnttacc caaagaccaa ttttgacat atcttgaata ggatgnctat 100
aaattatgac ttttaaattt tgtaatttt tgtactatta tctganattt 150
ttatTTTAT gnattttcgt aagtagttt gagatagtca cattttaaaa 200
atctaagatc aagcaaatga agcttatttt tatgtattca tagtataaaa 250
gccttcagta aataggtaat attttgcatt tattctagaa aacagctcct 300
tgaacacagt gagctggctt ttcacacatt gcagttgtt gtgtttactg 350
cccttgcatt tttaattatg aggctaaaga tggatgtt accgcacatg 400
tgtgttatgg cttcccttgat atgctctcga cagcttttgcgtt 450
tcgcagagtt cgttttgaga aggttatctt tggatgtt acagtgtatgt 500
caatacaagg ttatgcaaac ctccgtaatc aatggagcat aataggagaa 550
tttaataatt tgcctcagga agaacttttgcgtt cagtttgcgtt 600
cacatcagat gctgtcttgcgtt caggtgccat gcctacaatg gcaaggatca 650
agctgtctac 660

<210> 381
<211> 652
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 35, 118, 136, 183, 281, 349
<223> unknown base

<400> 381
gaataagttg ggattttta gcaaggattc caatntgatt cttaaaaaaag 50
gagttagcca taaagccagt ggtttaatt agattcagat ttgattttta 100
aattttacgg gtttcagnntt cagggaatgc tacccncaaa atgagatttc 150
attactatat accagtgaaa tttctactct canattttct gtaatgtcat 200
ttttcatagt taggttttag aaagtatcta atcaggttgt gatggtcaaa 250
taaagggttc aaacacattt ctatttctg nttcaataaa tatttttat 300
attgcttattt cttatctatc tttacctaattt ttcttcttat cttttcgnt 350
aactttcttt ttttttattt tcttctaattt aagattctgc tttcttcattc 400
taaacctgtc ccaaaaaacct atgtaccaaa acttgccaag ggtgatgtaa 450
aggataagtt tgaagccatg cagagagcca gggaaagaaag aaatcaaagg 500
agatctagag acgaaaaaca aagaagaaaa gaacaatata ttagagagag 550
agaatggaac aggagaaaagc aggaggttat tttattttac tttattctcg 600
tgaaaatattt tgtttgcatt tttcattta aattgtattt attcacatta 650
ac 652

<210> 382
<211> 397
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 345
<223> unknown base

<400> 382
gtccatggag ctgggtgtca aggtggacag gggcggtggatggcgcag 50
tttgacactg aataccagcg cctagaggcc tcctatagtg attcaccccc 100
aggggaggag gacctgttgg tgcacgtcgc cgagggggagc aagtcaccc 150
ggcaccatat tgaaaacctt gacctttct tctctcgagt ttataatctg 200
caccagaaga atggcttcac atgtatgctc atcggggaga tctttgagct 250
catgcagttc ctcttggat ttgccttcac taccttcctg gtcagctgcg 300
tggactatga catcctattt gccaaacaaga tggtaacca cagtnnttcac 350

cctactgaac ccgtcaaggt cactctgccca gacgccttt tgccctgc 397

<210> 383
<211> 573
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 38, 85, 121, 432
<223> unknown base

<400> 383
ggatggaaag gatcgattaa aggattggct tttggaanac ttactggtgg 50
gaataagggtt ggcccttgtgc aaagtccccca aggcntgaca ttagtttgct 100
ggcaaggcaa ttgattcctc ntttcaacat cgcttatgca gctttctgtt 150
cttcggtaat ctatgaattt ttggatcgtg tcataatg tccattggtt 200
ccttccttcctt ggtgagtgct ctgctgatca acgttctgaa agtgagccca 250
ttcaacaacg gtcaactggc catggatct ttcgtcaaga atgagtttc 300
ggccccctcc taccttatgg gctataataa atccttgagt gtggggcaa 350
ccacaacttt tctgactggg attattcagc taataatggg cgtattgggt 400
ttgggcttca ttgccactta cttccggag tntgcaatga gtgcttacct 450
ggctgctgtg gcacttcata tcatactgtc ccagctgact ttcatcttg 500
ggattatgtat tagttccat gcccgtccca tctccttctt ctatgacata 550
attaattact gtgttagatct ccc 573

<210> 384
<211> 561
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 21, 40, 73, 120, 487
<223> unknown base

<400> 384
tgttatgtc acctacatcc nccttttaa gttttgtccn agcaaaccctt 50
gcagaatttt agatgaacat ggnaaaaatg ttacaatctg tgggcctgac 100
tttggtcaag acctgtacan agatgaaaac ttggtgacta tactggggac 150
cagcttctta atcggatgtt tcttgtattc atgtttgaca tcaacaacaa 200
gatcgagttc tgacgctctg cagggcgat acgcagctcc tgaattggag 250
atagctcgct gttgttttg cttagtccct ggtggagagg acactgaaga 300
gcagcagccg gggaaaggagg gaccacgggt catttatgac gagaagaaag 350
gcaccgtcta catctactcc tacttccact tcgtgttctt cctagcttcc 400

ctgtatgtga tcatgaccgt caccaactgg ttcaactacg aaagtgc当地 450
catcgagagc ttcttcagcg ggagctggc catctntgg gtcaagatgg 500
cctcctgctg gatatgcgtg ctgttgc当地 tgc当地 ggtcgctccc 550
ctctgctgcc c 561

<210> 385
<211> 562
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 18, 77
<223> unknown base

<400> 385
aacagggggg ccgcttgnc cagaaatgtt tccccctgggg aaagtggcat 50
cacttaatga cattcagcca acttacngaa tcctgaaacc atggtagaat 100
gtgttatgg attacctagc tggttatgg ttaatggtag ccatcttgc 150
aggaaccatg caactttacc aaagatcagg tggctgttt gccagtattg 200
ccatctcctg taaattcaa ggcacataca ccaccagaa atgccgaggt 250
caccaccaac atccccaaaga tggaagcagc caccaaccaa gaccaagatg 300
ggcggacaac aaacgacatt tcctttggga catctgctgt gacacctgac 350
atacctctca gagccacata tcctcgcaca gattcgcac ttccaaatca 400
ggaggcaaag aaagagaaga aagatccaaac aggtcgaaaa acaaacttgg 450
atttcagca atatgtatatt attaatcaa tggttacca tctggccctt 500
ccgtggtatt ctaagtactt tccataccta gctcttatac atactattat 550
tctcatggc ag 562

<210> 386
<211> 265
<212> DNA
<213> Homo Sapien

<400> 386
atcaagttgg tgaagaaaaga acctatgaaa tctgtacaaa agattggggc 50
tttgttcttc ctgttaagtg gtgtactgg gatgaccgga agcatggcct 100
tgattgttt ggattggta cacaatgcac ctggaggtgg ccattaattg 150
gcaccactca aactcaaact cagtc当地 ctgc当地 ttgagtaaac 200
tcaactacta tgaaattca cctaatgttt tc当地tgc当地 ttccctttga 250
agtgcagatt cctcg 265

<210> 387
<211> 457

<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 30, 33, 50, 75, 92, 124, 173, 177, 218, 223, 235, 247, 285, 290,
325, 437
<223> unknown base

<400> 387
tggatttaat ggggggaaaag ggccggaaaaan ggncaaggat ccaaactgg 50
gaatttggtg atttcgggt ccctntccgc tttccggccg gncagcgctg 100
ccaagggtat atttcctttt ttcnatcct gcaacaagcc tctttaact 150
gtttaaatga gaatgtcctt ggntcanaga gtactactca cctggcttt 200
cacactactc ttcttganca tgntggtgtt gaaanggatg agaaagnct 250
tggactggtt cctcatattc attccagttg gaaantgan actatccttc 300
ttgtcctgct gattgtgaaa atggntggc ggtgtaagtc tggcttgac 350
cctcgacatg gatcacacaa tattaaaaaa aaagcctggt acctcattgc 400
aatgttactt aaatttagcct tttgcctcgc actctgnggt aaactggaac 450
agtttac 457

<210> 388
<211> 617
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 55, 80, 88, 107, 161, 181, 198, 203, 219, 233, 259, 272
<223> unknown base

<400> 388
gttaggtgat ccaggttttg gggttttgc aacccttggg gtcattggc 50
ccttnaaatt aatcttcggg ggggttcctn gccatgnca gccaaacatt 100
tttgggnaca taccatttgg ttctgtatc ggggcgtttt cagttcctg 150
tgtaaaggc ntgggcattg ctatcaagga nctgttgca gggaaagcntg 200
tgntcggca tcccctggnt tggattctgc tgntgagcct catcgctgt 250
tgagcacnc agattaatta cntaaatagg gccctggata tattcaacac 300
ttccattgtg actccaatat attatgattc tttacaacat cagtttaac 350
ttgttcagct attctttta aggagtggca agatatgcct gttgacgatg 400
tcattggta cttgagtgcc ttctttacaa tcatttgccc gatattctt 450
ttgcatgcct ttaaagacgt cagcttagt ctagcaagtc tgcctgtgtc 500
ttttcgaaaaa gacgagaaaag caatgaatgg caatctctt aatatgtatg 550
aagttcttaa taataatgaa gaaagcttaa cctgtggaaat cgaacaacac 600

actggtaaa atgtctc 617

<210> 389
<211> 365
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 20, 44, 50, 96, 107, 180, 185, 211, 289
<223> unknown base

<400> 389
aaaaaaa aaaaagaatn tgactatata ccatggaaaa gcnccactn 50
tgccacttaa ataaacatca ggatcagaga ttccaagagg acaatntgca 100
tcaagtnttc accaagtgtt ttttaagcga aataatgaaa tagggagcag 150
aatatgcctg ttgccatag aaacgaggtt tattnttgc ctcaattagg 200
ctttttttt nttcatagtt acaccagaac taaagtaaaa gtggttttc 250
tgttctttct acttctcccc atgaaatggg catatcatnt caacacttca 300
ctccaagtcg ccacgggcaa ccttatgacc ctaggtcctc caccctaat 350
gtatcatcat tgcca 365

<210> 390
<211> 442
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 209, 233
<223> unknown base

<400> 390
aggcgccca ttgcgagccc aagttccag ttgggtttc cgggctcaga 50
attttccagg agtgggttct tggcagtgg ctgtggagca ggaatggcgc 100
agtagagggt tactgtttct cggccgcctt gagctgtacc ttttagtgt 150
cctgcctcct tttctccgccc ttccagccggg cgctgcgaga gccctacatg 200
gacgagatnt tccacctgcc tcaggcgcag cgnctactgtg agggccattt 250
ctccctttcc cagtggatc ccatgattac tacattaccc ggcttgcacc 300
tggtgtcagt tggagtggtc aaacctgcca tttggatctt tggatggtct 350
gaacatgttg tctgctccat tggatgctc agatttgtta atcttctt 400
cagtgttggc aacttctatt tactatattt gctttccac aa 442

<210> 391
<211> 587
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 74, 103, 117
<223> unknown base

<400> 391
ccagttttc atggacatag aaaattccaa aagaataata atattgaatt 50
taaatttggg ggggttaaaa aaanaaaaact taactttata aaattattta 100
ttntatttta agccttntat catatttcc ccatccaatt gtttggttc 150
agtggtccag cttttattta caggcatata aaagaaattg tgagatgtt 200
tgcaagctt ttttacttt gagagcttt aatttgtatg ttttatgtg 250
gatgaagagc attttttatg ttttgcata ataggttcca atatgcattt 300
attagacatc tttttaaatg gtaatgttagc atttattttg ctaaattgaa 350
agggaacata gatgaaattc caaaatatgt acattcagct gtttggttt 400
tcgttttca ttgttattat tgtgagaatg ctgttattgg gggtgtgt 450
gagtgcccgta cagccagtga tgcctcgggc cacgctgtgg ggccacactca 500
gtcctgctgg gtcctgggtgc cttggacccc acgtgcttgt ggccaggctg 550
ccccctggcg gggccatgtg gcctcagacc acaagag 587

<210> 392
<211> 444
<212> DNA
<213> Homo Sapien

<400> 392
cgtctccagt ctacctccga gagatttagct gaaacacaga atatagcgcc 50
atcattcgtg aagggtttc ttttgcggga cagaggatca gatgttggaa 100
gtttggacaa actcatgaaa accaaaaata tacctgaagc tcaccaagat 150
gcatttaaaa ctgggtttgc ggaaggtttt ctgaaagctc aagcactcac 200
acaaaaaaaaacc aatgattccc taaggcgaac ccgtctgatt ctcttcgttc 250
tgctgctatt cgccatttat ggacttctaa aaaaccatt tttatctgtc 300
cgcttccgga caacaacagg gcttgattct gcagtagatc ctgtccagat 350
aaaaaatgtc accttgaac atgttaaagg ggtggaggaa gctaaacaag 400
aattacagga agttgttcaa ttcttgaaaa atcccgaaacc cttt 444

<210> 393
<211> 284
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 95, 109, 186, 244
<223> unknown base

<400> 393
ggtcaagttc agtagtggtc tcaataagtg tgttaaactt gctttgggtg 50
attgcaatca gcatgggatt tggccatttc tatggcccaa ttcanattca 100
gaagcgtna cagttagtca gaaagataca tgaagatgaa ttgaatgata 150
tgaaggatta tctttcccag tgtcaacagg aacaanaatc ttttatagat 200
tataagtcat tgaaagaaaa tcttgcaagg tggacac ctantgaagc 250
agagaagatg tccttgaaa ctcaggaacc cctt 284

<210> 394
<211> 481
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 47, 94, 130, 192
<223> unknown base

<400> 394
gcagtgggtg atcataggca ctaaccctca aactcctgaa gttcaanaga 50
ttgtcccatg tcagcctccc aagtagctgg gactatagac aggnccatc 100
atgcccagct aattattttt ttaattttan agaagagtct tgcttagttc 150
cccaggctgg tctcgaactc ctgacctcaa ataatcctcc cnccctcaac 200
ctctgaagta gctgcaatga caggtgcaag cccactgtgt ttggctagag 250
tctcatgtt ttctaattcc aaaaaagttc cataatgatt ttgattcaga 300
ttgtatttag tttcacacatt aatttaagaa gtgacatctt cataatacta 350
actttccccca aaaagaaaaca gggtatgttt ttccatttat atgagtgggg 400
tttttttgt tttgtttta cgttttgtag ttttcttcat ataggtttg 450
ccagaggttc ccaaactttc ttggttcatg g 481

<210> 395
<211> 508
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 69, 473
<223> unknown base

<400> 395
agcatggaa aggttaggaac cnaggaaag gggccccccg agcgcaaggt 50
gtcggtgcc accttcagnt ggaggagatt caaaagcata acctgcgcac 100
cgacaggtgg ctggtcattg accgcaaggt ttacaacatc accaaatgg 150
ccatccagca cccggggggc cagcgggtca tcgggcacta cgctggagaa 200
gatgcaacgg atgccttccg cgccctccac cctgacactgg aattcggtgg 250

caagttcttg aaaccctgc tgattggta actggcccg gaggagcca 300
gccaggacca cggcaagaac tcaaagatca ctgaggactt ccggccctg 350
aggaagacgg ctgaggacat gaacctgttc aagaccaacc acgtgttctt 400
cctccctcctc ctggcccaca tcatgcctt ggagagcatt gcatggttca 450
ctgtatTTTA ctggcaat ggntggattc ctaccctcat cacggccttt 500
gtccttgc 508

<210> 396
<211> 519
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 30, 38, 50, 74, 160
<223> unknown base

<400> 396
aatggtacaa cagtccctta atgggtgccn caatggcntg aaatccaagn 50
attacagact tttgtgataa ggttaagctt ggggcatttgt cctagaaacg 100
gtggccacaa gtggggttgt gacctcggtg gcattcatgc tcactctccc 150
gatcctcgtn tgcaaggtgc aggactccaa caggcgaaaa atgctgccta 200
ctcagttctt cttccctcctg ggtgtgttgg gcatctttgg cttcaccc 250
gcattcatca tcggactgga cgggagcaca gggcccacac gttcttcct 300
ctttggatc ctctttcca tctgatttctc ctgcctgctg gtcatgttg 350
tcagtcgtac caagctcgac cgggggagga agcccctttc cctgttgg 400
attctggtc tggccgtggg cttcagccta gtccaggatg ttatcgctat 450
tgaatatatt gtcctgacca tgaataggac caacgtcaat gtctttctg 500
agctttccgc tcctcgac 519

<210> 397
<211> 526
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 24, 96
<223> unknown base

<400> 397
gacctcgacc ccagggtccg gttntacttt gtcctgcctg ctgctgggt 50
ccctgggtct atgtgcattc tcttcaactat ctactggatg cagtantgg 100
gtggggcttt gactggaaatg gcagcattta catgttcaac tggcacccag 150
tgcttatggc tgctggcatg gtggattct atggaggtgc gtcactgg 200

taccgcctgc cccagtcgtg ggtggggccc aaactgccct ggaaactcct 250
ccatgcagcg ctgcacactga tggccttcgt cctcaactgtt gtggggctgg 300
ttgctgtctt tacgtttcac aaccatggaa ggactgccaa cctctactcc 350
cttcacagct ggctggcat caccactgtc ttcccttttag cctgccagt 400
gttcctggc tttgctgtct tcctcctgcc ctggcgatcc atgtggctgc 450
gcagcctcct aaaacctatac cacgttttt ttggagccgc catcctctct 500
ctgtccatcg catccgtcat ttccggg 526

<210> 398

<211> 773

<212> DNA

<213> Homo Sapien

<400> 398

agaggagctg ccgggtgcctc ctcagaacat ctccatgtcg ctacccagga 50
ccagggacca aggacagggg gtcccaggcg cacacccccc attctgggtc 100
ccccaggccc agaccccccac tctgccacag gttgcattt gacctggtcc 150
tcctgcagaa gtggcccttg tggtcctgct ctgagactcg tccctggcg 200
cccctgcagc cccttttat gactccatct ggatttggct ggctgtgggg 250
acgcggtccg agggggggcc tggctctcag cgtggtggca gccagctctc 300
tggccaccat ggcaaattgct gagatctgag gggacaaggc tctacagcct 350
cagccagggg cactcagctg ttgcagggtg tgatggagaa caaactatgt 400
acctacacac cgtcagcgac tgtgacacca gctccatctg tgaggattcc 450
tttgcattggca ggagcctgtc caagctgaac ctgtgtgagg atggccatg 500
tcacaaaacgg cgggcaagca tctgctgtac ccagctgggg tccctgtcgg 550
ccctgaagca tgctgtcctg gggctctacc tgctggtctt cctgattctt 600
gtgggcattt tcatttttagc agtgtccagg ccgcgcagct cccctgacga 650
cctgaaggcc ctgactcgca atgtgaaccg gctgaatgag agcttccggg 700
acttgcagct gcggctgctg caggctccgc tgcaagcgga cctgacggag 750
caggtgtgga aggtgcagga cgc 773

<210> 399

<211> 546

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 20, 74, 80, 159

<223> unknown base

<400> 399

atcctggact tgaccagggn gtccgttgc tggaaaccggt ggtcgccaaa 50
acaagtccgc tgggcagcag gagnagcagn aggattatta aataacgcag 100
ttggactctg gcaactggga gtgaagagga gcccaacagc cgagaaggga 150
aggaggcana ggagggggac cagaaggaca cccccgtgcc ccgaagacat 200
aaatccctga gtgcccggga ggagccttaa caagcgcacg gagccctcaa 250
ggtgcaaagt tggcttcac agtgcaagcc tttgattccc aatggggac 300
tcaggatcaa gacgatctac cctggctcc cggttgccaa tattcagaag 350
aagtattaac agaagacatg attctcttcc ttcttacacct tcttccagta 400
atacagttgg tgtccacagt tcctctcctt ccagcactaa ctcaagctca 450
ggtagcacag gtaaacggag gagcatattc cgtactcctt ccattagctt 500
ccaccataag aaggggagtg agcctaagca agagcctacc aaccag 546

<210> 400
<211> 562
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 26
<223> unknown base

<400> 400
ggcttcctc ggcgcacc gncctnttcc ggaaggccgc tccctccctg 50
cgccgcgg agccctgag atcagcctcg agcaggcgcc cgagcgagac 100
tatccctaaa cgggaacggc ggtggccgac tcgcgagtga ggaaaagaag 150
gaaagggcag actggtcgcg aagagaagat ccaggctca gaggaggaga 200
aaggccggag ccagccgagc tgtcacgacc ggagggggga ctcgcagcct 250
taccaggggg gtgatgttt acaggcactt aagtattcat cgaagagtca 300
ccccagtagc ggtgatcaca gacataaaaa gatgcgagac gccggagatc 350
cttcaccacc aaataaaatg ttgcggagat ctgatagtcc tgaaaacaaa 400
tacagtgaca gcacaggtca cagtaaggcc aaaaatgtgc atactcacag 450
agtttagagag agggatggtg ggaccagtta ctctccacaa gaaaattcac 500
acaaccacag tgctcttcat agttcaaatt cacattttc taatccaagc 550
aataacccaa gc 562

<210> 401
<211> 536
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 21, 99, 114
<223> unknown base

<400> 401
taacaaccac agaaaactgga ntagggtcc tacagtagct gcagctgata 50
ccactgaaac taattccct gaaactgcta gcaccacagc aaatacacnt 100
tctttcccaa cagntacttc acctgctccc cccataatta gacacatagt 150
tcctccacaa ttcttacacc tgctcccccc ataattagta cacatagttc 200
ctccacaatt cctataccta ctgctgcaga cagtgagtca accacaaatg 250
taaattcatt agctacctct gacataatca ccgtttcatc tccaaatgat 300
ggattaatca caatggttcc ttctgaaaca caaagtaaca atgaaatgtc 350
ccccaccaca gaagacaatc aatcatcagg gcctccact ggcaccgctt 400
tattggagac cagcacccta aacagcacag gtcccagcaa tccttgccaa 450
gatgatccct gtgcagataa ttctgtatgt gttaagctgc ataatacaag 500
ttttgcctg tggtagaag ggtattacta caactc 536

<210> 402
<211> 470
<212> DNA
<213> Homo Sapien

<400> 402
ccacagttatg gaagaatatc cctgacttct agccctgtgc gcatttttt 50
gtttctgctg ttgctactaa tagccttggaa gatcatggtt ggtggtcact 100
ctcttgctt caacttcact ataaaatcat tgtccagacc tggacagccc 150
tggtgtgaag cgccaggtctt cttgaataaa aatctttcc ttctgtacaa 200
cagtgacaac aacatggtca aacctctggg ctcctgggg aagaaggtaa 250
atgccaccag cacttggga gaattgaccc aaacgctggg agaagtgggg 300
cgagacctca ggatgctcct ttgtgacatc aaaccccaga taaagaccag 350
tgatccttcc actctgcaag tcgagatgtt ttgtcaacgt gaagcagaac 400
ggtgcaactgg tgcattctgg cagttcgcca ccaatggaga gaaatccctc 450
ctcttgacg caatgaacat 470

<210> 403
<211> 509
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 29, 39, 124
<223> unknown base

<400> 403
gtcggtggt acggccgctc cctgcagggng agttcgtna cgacgacgtg 50

tggcgatcg tgaacaaacc ccgacgtgcg ggccggcgc cccgctccgt 100
tgggcatct tcaccaacga ctntgggc aagggcatgg ccgagaacac 150
cagccacaag tcctaccgcc gcttgcgtc ctcaccatca agctaaacat 200
attttgact ggtatgaacc cattctactt tcatgcagta aatataattt 250
tacactgctt agtgactctt gtgctgatgt acacctgtga taaaactgtc 300
ttcaagaatc gtggacttgc ttttcta 350
tcctattcat actgaggcgg tggctggat cggtggcaga gcggacgtgt 400
tagcgtgtct gctgtttcta ttggccttc tctgtacaa caggagtctg 450
gatcaggcgt gtgttgggg aagttccct tccacggtgt ctcccttctt 500
cttgctgct 509

<210> 404
<211> 400
<212> DNA
<213> Homo Sapien

<400> 404
cttgggtt cgggttata tgggttgcatt tatgtttgcc tctgaacaag 50
tgtcttgctc acatcgtaaa tgactttctc tccgaaacgc taaatattct 100
ttcccgagg agctcatatc cttatccc atgacagatc ttaacggaca 150
atatatgcaa aagatata aagatgataa ctaatatagt tatactgagc 200
ctgatcattt gcatttcgtt agcttctgg attatataaa tgactgcaag 250
cacctattat ggttaacttac gacctatttc tccgtggagt tggctgttt 300
ctgttgttgc tccgtttctg atcgctctca atggccttaa aaagaaaaagt 350
ctagatcaca gtggggctct aggaggcgtt gtcgttggat ttatccta 400

<210> 405
<211> 370
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 27, 36, 118, 138, 163, 179
<223> unknown base

<400> 405
aatccccca agttaaatac ctcctcnacc tttacntaag ttgctccctt 50
atttttatattt tattattattt attattatta ttatTTTGT agatggagtc 100
tcactttgtt acccaggntg gaatgcaatg gcatgatntc agctcactgc 150
aacctccggcc tcntgggttc aagcaagtnt cctgcctcag cctccgagta 200
gctggacta caggtgcacg ccaccacgcc tggctaattt tttgtatTTT 250

agttagagacg gggtttcacc gtgttgcaca ggctggcgc gaactcctga 300
gctcaggcaa tccgcccacc tcagcctccc aaagtgttgg gattacaggc 350
atgagccacc atgcccagct 370

<210> 406
<211> 473
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 72
<223> unknown base

<400> 406
gggcttgaaa atctaaatac tttgaaatta gaataatatac ttgtgtttta 50
gagctttaaa ttttcaaata tntgctgtcc acacacccca ttggaggagg 100
acctgtgtca ctaacccaaa tttgttagctg agaaaacaga ggcagagaga 150
ggttaagtaa aaaaccccaa gagagttcac ctaatattgt gaagaaagca 200
aacccagggt ttcactaact tgtccatgtg tgtatgtgtg tggctgcgtt 250
caccctgtg tgtgtgtgt ctgtgtgtcat gcctgtgtgt ttgtgcacac 300
ccatgtgtat gtacctgtcat acacacccaa gtgtgtgtgt taccacaacg 350
aaagcgcaga tttattgaaa agaaagtgcata ctcacacagag tgggagcagg 400
ctagagccag tggctcagga gcctggttac agcattttct ggagtttaag 450
tgccctccag agtttccca ttg 473

<210> 407
<211> 539
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 35, 51, 98
<223> unknown base

<400> 407
cagccaggcc agagagggag ccgagccagg ccatntccaa ccatgtccga 50
ngaggcctcg gccatcaactt cctacgagaa gtttcttaac ccccgagnag 100
cccttccac tcctgggacc ttctcgccgg gggggcacct gcccggacaa 150
ggagccgggc tgccctggaca tcaagcgact tcgggtgcca gctgtcctcc 200
tgccatcgca ccgaccgcgt ccaccgcttc cacaccaaca ggtggaacct 250
aacttcttgt ggaacaagtg ttgccagctc agaaggcagt gaggagctgt 300
tttcatctgt gtctgttggaa gatcaagatg attgttattc cctgttagat 350
gatcaggact tcacttcttt tgatttattt cctgaggggaa gtgtctgcag 400

tgatgtctct tcttcttatta gcacttactg ggattggta gatagcgagt 450
ttgaatggca gttaccaggc agtacatttgc ccagtggag tgatgtactt 500
tctgatgtca tacccagtat tccaagttca ccttgctg 539
<210> 408
<211> 545
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 18, 55, 93, 146
<223> unknown base

<400> 408
tcaaaaagg tgcattttt ttgcataaac agggacttta tatagttaa 50
tcccnnntata taaattctcc tatagtaatc tcaaagagta ttnttagactt 100
ctcaatgctt tttattgttg ctgaaaagca aaaagacttg ctgtgnaagt 150
ggagaagact tcaacatcaa agtgatttt tctactctcc taggaatgaa 200
aggaacacaa agggacccgg aagcatttct tgtccagatt gtgtcaaaat 250
ctcaattgcc atctgagaat agagaaggta aagtgcgtg gactggctgg 300
ttctgctgtg tatttggaga cagtcttctg gagactgttt cagaagattt 350
cacctgtctg cccttattcc ttgcaaattgg agcagagtct aacacagcaa 400
taatttggaaac ttggtttcag aaaacctttg actgttattt cagtccttta 450
gcaatcaatg catttaatct ttccctggatg gctgcacatgt ggactgcac 500
caaaatggac cattatgtgg ctactactga atttctttgg tctgt 545

<210> 409
<211> 585
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 45, 77, 118, 121, 203
<223> unknown base

<400> 409
gacattttatt ttcatccat tgcaacccat tgccataaga acatnccat 50
ggccttgaag cgcttcacag cagcatngtg gaatgcagaa ttggagccaa 100
gcaattttca aagcaagntt nctgaaaatg aaaaaaaaaata cttatattga 150
aaaacttttt gagcgttatg gtgaaaatgg aagattatcc tttttggtt 200
tgnagaaact ttacaacaaac ttgggccttg gagagagaaa agtagttgag 250
attaatcatg aggatcttgg ccacgatcat gtttctcatt tagatatttt 300
ggcagttcaa gagggaaaagc attttcactc acataaccac cagcattccc 350

ataatcattt aaattcagaa aatcaaactg tgaccagtgt atccacaaaa 400
agaaaaccata aatgtgatcc agagaaagag acagttgaag tgtctgtaaa 450
atctgatgat aaacatatgc atgaccataa tcaccgccta cgtcatcacc 500
atcgttgca tcatcatctt gatcataaca acactcacca ttttcataat 550
gattccatta ctcccagtga gcgtggagcg gccgc 585

<210> 410
<211> 446
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 45, 56, 67, 221, 289, 446
<223> unknown base

<400> 410
tacctattcc caggttaat gttgattatt tatatttcaa aaaanttgat 50
ttgtanaaac tgggtanatt actttcaaat taatcattt ttcctaattt 100
accaggatg agtgagatgt ttattttagaa aacaaataat tttagatagg 150
aaaattgaat cttaaaaaaaaa taatggtgat ttaatataatc aatgtgttgt 200
ttttgtgtgt atgtgtgtaa nattggagca tccaggagtg tgcgggtgt 250
atatgacctt attttctac tgtatcttag aggttgcnc ttccatgggt 300
ataaaaactta attggatttc tcgatttttta ttttgtttat gcactttac 350
aacttatgtc attttaggtt gtttattaaat gccagtttg tataataaaaa 400
ttattagaga agttatgaag gaggatggca tgagtgggc ggccgn 446

<210> 411
<211> 525
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 67, 95
<223> unknown base

<400> 411
acgcagagcg ttttcatttt ccacgggtct gtccttgtca aagcacaccc 50
ctcggtgtcc aggttcntca tgggcaagtg ctcgggtga caaanaaggc 100
gacattgact acagcaccgt gtcctcggc atgctggtga cgcaggacgt 150
gcagctcggg cttttcatgg ctgtcatgcc gactctcata caggcgggca 200
ccagtgcattc ttcttagcatt gtctgtggaaat ttctccaaat cctggtttg 250
attggtcaga ttcttttttc actagcggcg gttttcttt tatgtcttgt 300
tataaagaag tatctcattt gaccctatta tcgaaagctg cacatggaaa 350

gcaaggggaa caaagaaaatc ctgatcttgg gaatatctgc ctttatcttc 400
ttaatgttaa cggtcacgga gctgctggac gtctccatgg agctgggctg 450
tttcctggct ggagcgctcg tctcctctca gggccccgtg gtcaccgagg 500
agatcgccac ctccatcgaa ccccc 525

<210> 412
<211> 457
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 27, 37, 114, 213
<223> unknown base

<400> 412
cagttttttt atagtgaata ccaaaancat cagcaancac tggactgtca 50
acccaaggct tattgatatt tgccggagttg atttctgcga ttaagagacg 100
ttggctcgcc ttcntcgtga tcattgtgag cctggctat ggcattgtga 150
agcctcggtt aggaacagtc atgcaccggg tgatcgact ggggcttcta 200
tacttaatct ttncagctgt tgaaggcgtg atgagagtca ttgggggttc 250
taaccattta gctgttgttc ttgatgacat tatttagca gttattgact 300
ccattttgt gtggttcatt tttatttagtt tggcacaaac tatgaagacc 350
ctaaggctaa gaaagaacac tgtgaaattt tcattatata gacatttaa 400
aaatactctg atcttgctg tgctggcttc tatagtgtt atgggggtgg 450
cggccgc 457

<210> 413
<211> 541
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 51, 54, 80
<223> unknown base

<400> 413
acgtggctcg cctgttattg gaaagatata ttaagatcca gttctggatt 50
ncanctgttt atttttttgg gaaatgcttn aaaaagcagt tttttatag 100
tgaataccaa aacatcagca acactggact gtcaacccaa ggcttattga 150
tatttgcgga gttgatttct gcgattaaga ggacgttggc tgccttctc 200
gtgatcattg tgagcctggg ctatggcatt gtgaaggcctc gtttaggaac 250
agtcatgcac cgggtgatcg gactggggct tctatactta atcttgacag 300
ctgttgaagg cgtgatgaga gtcattgggg gttctaacca tttagctgtt 350

gttcttgatg acattatttt agcagttatt gactccattt ttgtgtggtt 400
cattttatt agtttggcac aaactatgaa gaccctaagg ctaagaaaga 450
acactgtgaa atttcatta tatagacatt ttaaaaatac tctgatctt 500
gctgtgctgg cttctatagt gtttatgggg tggcgcccg c 541

<210> 414
<211> 523
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 20, 172
<223> unknown base

<400> 414
accggccgt gagccggccn tgccgcggca ggtcgccggga catactgtgg 50
cgcgccccgt gatggaggat agttgcaagt attgttttgt cagtgttatt 100
tctacccatc tgcaccacag tatttataat tttcagcagg attgatttgt 150
ttcattcctat acagttggctg tntgattctt tcagtgacct gtatagttcc 200
tatgtaatct tttacttcct gctgctgtca gtggtaataa taataataag 250
tattttcaat gtggagttct atgcagttgt gccttctatt ccttgctcca 300
gactagctct gatagggaag atcattcatc ctcagcaact catgcactca 350
tttattcattg ctgcaatggg aatggtgatg gcctggtgtg ctgcagtgat 400
aacccagggc cagtagcgt ttcttggtt tccctgcact ggtactaaca 450
gctttggtag ccctgctgctgcaaaacctgct taaatgaata tcatttttt 500
ttcctactga ctggagcgcc cgc 523

<210> 415
<211> 544
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 2, 30, 40, 117
<223> unknown base

<400> 415
gnccacactg gccaaacggg gcatcatggn cacactgcnn aaatagggcc 50
gccatgttgc agcaggatag taatgatgac cctgaagatg tttcactgtt 100
tgatgcggaa gaggagncga ctaatagacc aaaaaagcca aaatcagaca 150
tccagtagca tagttttcc actttattct ttcgagtcag tgcaatcatc 200
gtctatcttc tctgtgagtt gctcagcagc agctttatta cctgtatgtt 250
gacaattatc ttgttgttgc cgtgtgactt ttggcgactg aagaatgtca 300

caggtagact aatgggtggc ctacgttggt ggaatcacat tgatgaagat 350
ggaaagagcc attgggtgtt tgaatctaga aaggagtcct ctcaagagaa 400
taaaaactgtg tcagaggctg aatcaagaat cttttgggttg ggacttattg 450
cctgtccagt actgtgggtg atatttgctt ttagtgcact cttctccttc 500
agagtaaagt ggttggcggt ggttatcatg ggtgtggcg 544

<210> 416
<211> 473
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 35, 46, 62, 69, 142, 185, 252
<223> unknown base

<400> 416
cagcagtccct tatgattatg gaggaaagtg gaggnccctt atagcnaaac 50
aggtatgctg gntatgacnt attcgacca aaggcagatt tgtcccctcc 100
agacatgatg cagccacaac agccatacac cgggcagatt tnccagccaa 150
ctcaggcata tactccagct tcacccctcagc cttntatgg aaacaacttt 200
gaggatgagc cacctttatt agaagagtta ggtatccaat tttgaccaca 250
tntggcaaaa aacactaaca gtattacatc cgtaaaagt agcagatggc 300
agcatcatga atgaaaactga tttggcaggt ccaatggttt tttgccttgc 350
tttggagcc acattgctac tggctggcaa aatccagttt ggctatgtat 400
acgggatcag tgcaattgga tgtcttagaa tgttttgtt attaaactta 450
atgagtatga caggtgcggc cgc 473

<210> 417
<211> 417
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 31, 53, 80, 96, 110, 130, 227
<223> unknown base

<400> 417
taattgttta ttgggaaatg gaggattaag nacattttc aatttgtca 50
tgnagaggaa gacctgaagg ttcagcatan tagctacaag acagangggc 100
ccggctgttn aaggaccagc tctccctggn aaatgtgcac tttcagatca 150
caagatgtga aattgcagga tgcagggtg taccgtgcata tgatcaagct 200
atggtgtgc cgactacaag cgaattnctg tgaaagtcaa tgccccatac 250
aacaataatca accaaagaat tttgggtgtg gatccagtca cctctgaaca 300

tgaactgaca tgtcaggctg agggttaccc caaggccgaa gtcatctgga 350
caagcagtga ccatcaagtc ctgagtggtt agaccaccac caccaattcc 400
aagggagagg cggccgc 417

<210> 418
<211> 585
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 64, 67, 70, 78, 109, 152
<223> unknown base

<400> 418
aggtgcttgt gctcgAACCC agtggttggg gcgggtgctcc tcaagcttgt 50
gtgcctgcta accntcntgn gtccgggntg gcaagagtgt gggactttcc 100
ccctggcgnc cgtggacaac atgatggtca gaaaagggga cacggcgggt 150
gnttaggtgt tatttgaag atggagcttc aaagggtgcc tggctgaacc 200
ggtaagttat tattttgcg ggaggtgata agtggtcagt ggatcctcga 250
gtttcaattt caacattgaa taaaagggac tacagcctcc agatacagaa 300
tgttagatgtg acagatgtg gcccatacac gtgttctgtt cagactcaac 350
atacacccag aacaatgcag gtgcatactaa ctgtgcaagt tcctcctaag 400
atatatgaca tctcaaatttga tatgaccgtc aatgaaggaa ccaacgtcac 450
tcttacttgt ttggccactg ggaaaccaga gccttccatt tcttggcgac 500
acatctcccc atcagcaaaa ccatttgaaa atggacaata tttggacatt 550
tatggaatta caagggacca ggctggggcg gcccgc 585

<210> 419
<211> 575
<212> DNA
<213> Homo Sapien

<400> 419
taaactacac tcagtataca gtgatagtgg gatttgaaca cctgaagctc 50
cccatcaaag ggaatgaact tcacatgaag acttataacc ctgccttctc 100
ccgggttggaa aatctggttc cggttttct ttgtggtgct caccttcatc 150
gtcacttgcc tggttgcga ttccctccgg aaattttcca tgagagactg 200
gggcatcgag cagaagtggaa tgtctgttct cctgcctctg ctgctacttt 250
acaatgatcc gttcttcccc ctctccttcc tggtaaacag ctggctcccc 300
gggatgtgg atgacacttct tcagtcattt ttcctgtgcg ccctgctgct 350
cttctggctg tgcgtgtacc acgggattcg tgtccaggga gaaagaaaagt 400
gtttaacttt ctatttgctt aaattttca ttgttgactt attgtggttg 450

gcttctgtta cgcttaggaat atggcaaaca gttaacgaat tacatgatcc 500
aatgtaccag tatcgagttg ataccggaaa ttttcaggga atgaaggct 550
tcttcatggc gggggcagcg gccgc 575

<210> 420
<211> 572
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 90
<223> unknown base

<400> 420
gtgtctgtc gccctccgac gctgctcagg aatttgcaag aaactgaagt 50
tttgcattcag atatattttg aattgaaacc agagatgtt tagagtttag 100
attctttcat ttgattaagg tatggctga atatgcgtt cttggcagct 150
cgggtcaact ataagacttt gattattatc tgcgcaact tcacttttgt 200
cacagtactt ttgttggata agtgttccag tgacaaagca atccagttc 250
cacggcggtc gagtagtggc ttcagagtgg atgggtttga aaaaagagca 300
gcagcatctg agagtaacaa ctatatgaac cacgtggcca aacaacagtc 350
tgaggaagca ttccctcagg aacagcagaa agcaccccc gttgttgggg 400
gcttcaatag caatgtggaa agtaagggtgt tagggctcaa atatgaagaa 450
attgactgtc tcataaatga tgaacacaca attaaaggaa gacgagaggg 500
gaacgaagtc tttcttccat tcacttttgt tgagaaatat tttgatgttt 550
atggaaaggt ggtggcgcc gc 572

<210> 421
<211> 581
<212> DNA
<213> Homo Sapien

<400> 421
aggctccgt gtctgctgc cctccgacgc tgctcaggaa tttgacaaga 50
aactgaagtt ttgattcaga tatattttga attgaaacca gagatgttct 100
agagttttaga ttctttcatt tgattaaggat atggctgaa tatgcgttgc 150
ttggcagctc gggtaacta taaggcttg attattatct gcgcactctt 200
cactttggtc acagtacttt tgtggataa gtgttccagt gacaaagcaa 250
tccagttcc acggcggtcg agtagtggct tcagagtgaa tgggtttgaa 300
aaaagagcag cagcatctga gagtaacaac tatatgaacc acgtggccaa 350
acaacagtct gaggaagcat tccctcagga acagcagaaaa gcacccctg 400

ttgttgggg cttcaatagc aatgtggaa gtaagggtt agggctaaa 450
tatgaagaaa ttgactgtct cataaatgat gaacacacaa ttaaaggag 500
acgagagggg aacgaagtct ttcttcatt cacttgggtt gagaaatatt 550
ttgatgtta tggaaaggtg gggcgccg c 581

<210> 422
<211> 264
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 17, 36, 139, 173, 224, 246
<223> unknown base

<400> 422
ttctttttt tccccngca atttttcag tgaaanacat ggagtcttc 50
atcttgaga gttgtcagag tcaagattt gctgttgtag ccagtgttt 100
aaaacaattc acaaagactt tctaggagag gaagagagn c tgagggaaga 150
agagatacag aaaaagaaaa tgnccaggatt gaacctggaa actcacagaa 200
tctctgactc atgctggaaa tgtntttggg tacctcttgc cttnntgtg 250
ttggcgccgg ccgc 264

<210> 423
<211> 601
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 31, 36, 78, 88, 207
<223> unknown base

<400> 423
tgaaaggacc octagttccc ctggcaaatg ntttnttca atccccact 50
tcattttcct taagagccat tccaagtn tc ttccttntc gataccccaa 100
ccagctcaca tcccactcaa ggggtgagat gccctctca ccattgaaga 150
gatcaagccc ccagggggga accagctcaa cttccccctc tgtctctccg 200
aagagcntcc tggggaaaa ctcgaggcag ctgtaccccg tgcgaagttc 250
ttgctccgt ctccccatgt cttccaggat tttccttcat agtggggatt 300
actcgctaac ctttccttcc tcacctactt cccctttcc ttcagcttc 350
accgtgttta aatcttctaa taattcttt tatgacatct tgttttcaa 400
gctcttctcc agtgcattcc ctacttctcc aatggccctt ttcactaac 450
ctccaaattt gtcttgctg acatttattg agctgctatt acatgttcta 500
aatgcttac ttgtcgtatt taatcctaac aacaacctac aaggtaggcc 550

ttgctattat ctccatTTTA tagttgaaga aactgaggct gccgcggccg 600
c 601

<210> 424
<211> 573
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 68, 71, 78, 104, 106, 194, 237, 309, 319, 416, 462
<223> unknown base

<400> 424
tatcgccaca ttggcaaaga caacattcag gcccaatggc ccacaaattg 50
gtccgccccaa tgccatntg naaaaggntt cactgcaaAT tacaaaAGCA 100
tccntnatga aaagagattg gaaaggcctc tccaagcaAC tggactggA 150
tgTCGAAGC attcagcgct ggTCGCAA GACGCAATCA gganaAGCCC 200
aAGCACGGCT gacgaggTTC tgtgagAGCA tgtgganATT ttcattttAC 250
ctttatgtat ttacctacGG agtcagATTc ctgaaaaAGA ccccctggTT 300
gtggaatang aggcatTTgT ggtacaACTA cccctatcAG ccactcacAA 350
ctgacCTTCA ctactattAC atcctggAGC tgTCGTTTA ttggTCTTg 400
atgtttCTC agttcnCTGA tatcaAAAGA aaggactttg gcattatgtt 450
cctgcactac cNTGTATcta ttttcttgat tacctttca tatgtcaaca 500
atatggccCG agtaggaACG ctggcCTT gtcttcatGA ttcagctgat 550
gctcttctgg aggctgcggc CGC 573

<210> 425
<211> 632
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 110
<223> unknown base

<400> 425
atTTTTGAA attaatgcNT gagCTTTATT ttgtttaATT gttatGCCA 50
ctggattggg acaaggcatca CCTCTGAATT ttGAAGACCT taatgtgtgt 100
tagccattgn aaagctactc aagtgcTgtG caagagtcat acccacatcc 150
ctttgatcaa atttactaca cgagctgcac tgacattcta aactggTTA 200
aatgcacgCG gcacagAGTC agctatcgGA cagcctatcg acatggggAG 250
aagactatGA caggcgcaag tctcagtgtt gtcctggatt ttatgaaAGC 300
ggggaaatgt gtgtccccca ctgtgctgat aaatgtgtcc atggcgctg 350

tattgctcca aacacctgtc agtgtgagcc tggctgggga gggaccaact 400
gctccagtgc ctgcgatggt gatcaactggg gtccccactg caccagccgg 450
tgccagtgca aaaatggggc tctgtcaac cccatcacccg gggcttgcca 500
ctgtgctgcg ggcttcggg gctggcgctg cgaggaccgc tgtgagcagg 550
gcacccatgg taacgactgt catcagagat gccaatgcca gaatggagcc 600
acctgacgacc acatcacggg gctggcgcc gc 632

<210> 426

<211> 251

<212> DNA

<213> Homo Sapien

<400> 426

ttttaatga aaaaaagaat cccaaaaaaaaaa aaagttgtca gcctcatttg 50
tgcgtcatcc cttatttcc tggatctca ggacctctgt ccctctcatt 100
tctcacttct gagatctgca catctttac ccaggagcct cagagctcct 150
gagtctggtg tctgcctatc cccatcttca ctgttagtcc tcctgcagat 200
tctgtgtctc cttcatgta ggtgctggat ccctgtgtgt ggagcggccg 250

c 251

<210> 427

<211> 607

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 56, 99, 150

<223> unknown base

<400> 427

acaaagttc ccaatgactt gttaaaagtc gatgggtgtag ctcaagatgg 50
aacccncaat gtacatataat aacaaaagtt cacaacgggc aaaggaccnt 100
cacatgtgca aggaaaatgt gcggagatta ttgggctcac cttgggtacn 150
tgaactacac tcagtataca gtgatagtgg gatttgaaca cctgaagctc 200
cccatcaagg gaatgaactt cacatggaag acttataacc ctgccttctc 250
ccggttggaa atctggttcc ggttttctt tgtggtgctc accttcatcg 300
tcacttgcct gtttgcgcatt tccctccgga aattttccat gagagactgg 350
ggcatcgagc agaagtggat gtctgttctc ctgcctctgc tgctacttta 400
caatgatccg ttcttccccc tctccttcct ggtcaacagc tggctcccag 450
ggatgctgga tgacctctt cagtcctatgt tcctgtgcgc cctgctgctc 500
ttctggctgt gctgtacca cgggatttgt gtccagggag aaagaaaagtg 550
tttaactttc tatttgccta aattcttcat tggtggacta ttgtgggtgg 600

Homo Sapien

cggccgc 607
<210> 428
<211> 583
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 119
<223> unknown base

<400> 428
gcatccgctt gactgcattt gagtttccc agtctgtctt tggggatggg 50
gccatgccat agtcttgatg tcttgtgccg tgtgatttt gcagataaga 100
tgacttggcc catggccnc agatcactta ttctgggaa gtgttaggaac 150
agtggttgcc taacccaagt tcttacatga tgtaccttt tcctttctaa 200
aaaataactt aaaaatatga aatatactaa tttgtttcag atattacata 250
caattggaaa gtggacaagt tcctgtatat gctgtcactt ttcaagaacc 300
tgagaatgat cctcgaaatt gctgttactt gtgggctgtt cagtctacac 350
aagataggta ggtctcatac aaactttgtt ttgtttgtt ttgtttttt 400
ggagacagag tctcgctctg ttgtccaggc tggagtgcag tggcgtgatt 450
tcggctcaact gcaacctccg cctccggat tcatgccatt ctctcgctca 500
gcctcccgag tagctggac tacaggtgcc tgccaccatg cctggctaatt 550
ttttatattt tcagtagaga cgggagcggc cgc 583

<210> 429
<211> 462
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 51-52, 54
<223> unknown base

<400> 429
ttaatttaaa aatatgaaaa gtaaaaatgg gattttgtct tatttgtt 50
nnanagctgg ctttcacac atgcagttgt tagtgtttac tgcccttgcc 100
attttaatta tgaggctaaa gatgttttg acaccgcaca tgtgtgttat 150
ggcttccttg atatgcttc gacagcttt tggctggctt tttcgcagag 200
ttcgtttga gaaggttatc tttggcattt taacagtatgt gtcaatacaa 250
ggttatgcaa acctccgtaa tcaatggagc ataataggag aatttaataaa 300
tttgcctcag gaagaacttt tacagtggat caaatacagt accacatcag 350
atgctgtctt tgcaggtgcc atgcctacaa tggcaagcat caagctgtct 400

acacttcatc ccattgtgaa tcatccacat tacgaagatg cagacttgag 450
ggctgcggcc gc 462

<210> 430
<211> 546
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 6, 36, 64
<223> unknown base

<400> 430
ggcccncaact ggccaaaata gttggaatgc cttnnttat tcaccaatgg 50
ggcccaaggga gaanagtggg tgtttgggg gccttttgc accatcatca 100
catccctgga tacttgtaac caatttgacct gtatgccat catgactgta 150
atgagtggtt acaggtactt tgccctcgtc caaccatttc gactgacacg 200
tggagaacaa ggacaagacc atccggatca atttgggcct ttgggcagct 250
tccttatcc tggcattgcc tgtctgggtc tactcgaagg tcatcaaatt 300
taaagacggt gttgagagtt gtgcatttga tttgacatcc cctgacgatg 350
tactctggta tacactttat ttgacgataa caacttttt tttccctcta 400
cccttgattt tggtgtgcta tattttatt ttatgtata cttggagat 450
gtatcaacag aataaggatg ccagatgctg caatcccagt gtacaaaaac 500
agagagtgtat gaagttgaca aagatggtgc tggtgctggc ggccgc 546

<210> 431
<211> 526
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 56, 64
<223> unknown base

<400> 431
aggtgtcacc atggcaaagc ttcccttctt gattctctcg agtttgtga 50
agcgtnntacg gttncactga cgattcaga agtcatttt acctcagctt 100
tcattgaaac taccccttat cttgagtctt cactcatttc ccatgaatcc 150
gcagtcactg cactggtgcc ccccggtctg agtctttga cattttgact 200
gccgggattc aagcaacatc accattgacc actgtccaca caacgccccat 250
tttaactgag tcttctttgt tctcaactct gacacctcct gacgaccaaa 300
tcagtgctct agacggtcac gtgtctgtcc tggcctctt ctccaaagcc 350
attcccaactg agctgaccgt cgtggccca tcactcacac ccacagaggt 400

gccactgaac acctccacgg aagtgagcac aaccagcacc ggtgctgcca 450
ctggtgttcc cctcgactcc accctgatgg gtgacgcccgc aagtcagagc 500
ccccagaga gtagtgctgc tcctcc 526

<210> 432
<211> 525
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 17, 93, 107
<223> unknown base

<400> 432
acactcagaa caggagnaat ttggactaat tttcaaacta cagacacttt 50
ctaattcatga tgcatattcaa aagtggactc ggaatttaac tngttgcaa 100
aacatgnncag tgcccgagga tgataacatt agcaatgact ccaatgattt 150
caccgaagta gaaaatggtc agataaaatag caagtttatt tctgatcgtg 200
aaagtagaag aagtctcaca aacagccatt tggaaaaaaaaa gaagtgtgat 250
gagtatattc caggtacaac ctccttaggc atgtctgttt ttaacctaag 300
caacgccatt atgggcagtg ggattttggg actcgccctt gccctggcaa 350
acactggaat cctactttt ctggtacttt tgacttcagt gacattgctg 400
tctatatatt caataaacct cctattgatc tggtaaaaag aaacaggctg 450
catggtgtat gaaaagctgg gggacaactt cttggcacc acaggaaagt 500
tcgtaatctt tggagccacc tctct 525

<210> 433
<211> 558
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 23, 111, 130, 146
<223> unknown base

<400> 433
ccaaacctaat taccaaggcag atnctttgg gggattccag ccatcagaca 50
aggaacccat ggcagctgca gggtttttg cattgtgcaa gcttatgctt 100
tcttgcagat ntgagagccg attaacaan caagagttcc agaccnnttt 150
cttttgggt gtatcactag ctgcaggtgc tgtgttcctt agtgcacatct 200
atttgactta tacaggttac attgcaccat ggagtggcag gttttattca 250
ttgtggata ctgggtatgc aaaaatacac attccaatta ttgcacatcgt 300
gtctgagcat caacctacga ctgggtgtc tttcttctt gatctacata 350

ttcttgtatg tacctccca gcaggcctt ggttctgcat caaaaatatac 400
aacgatgaaa gagtatttgt tgctctatat gcaatcagtgc tggctactt 450
tgctggagtgc atggcgac tggatgttgc tttgactcca gtcgtgtgta 500
tgctgtctgc aattgcctt tcaaattttt ttgagcacta tttggggct 550
gcggccgc 558

<210> 434
<211> 490
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 74
<223> unknown base

<400> 434
attgcagctg ttatTTTT ggaaatgctt gaaaaagcag tttttatag 50
tgaataccaa aacatcagca acantggact gtcaacccaa ggcttattga 100
tatTTGCGGA gttgatttct gcgattaaga ggacgttggc tcgccttctc 150
gtgatcattg tgagcctggg ctatggcatt gtgaaggctc gtttaggaac 200
agtcatgccc gggtgatcgg actggggctt ctatacttaa tcttgcagc 250
tgttgaaggc gtgatgagag tcattgggg ttctaaccat ttagctgtt 300
ttcttgatga cattattta gcagttattt actccatttt tgtgtggttc 350
atTTTATTAA gtttggcaca aactatgaag accctaaggc taagaaagaa 400
cactgtgaaa ttTCATTAT atagacattt taaaaatact ctgatcttg 450
ctgtgctggc ttctatagtg tttatggggc gagcggccgc 490

<210> 435
<211> 536
<212> DNA
<213> Homo Sapien

<400> 435
ggccacactg gccaaactaa aattttgggt attgcagatg acgctcatat 50
tggcaactta ctaacatcaa aattcttttag ttataaggat tttgatactt 100
tattgtatac ctgtgcagcg gagtttgact ttatggaaaa agagactcca 150
ctgagataca caaagacatt attgcttcca gttgttcttgc tagtgtttgt 200
tgctattgtt agaaagatta ttagtgatat gtgggggtgc ttagctaaac 250
aacagacaca tgtaagaaaa caccagtttgc atcatggaga gctggtttac 300
catgcattgc aattgttagc atatacagcc cttggatattt taattatgag 350
actaaaaactc ttcttgacac cacacatgtg tggtatggca tcactgatct 400

gctcaagaca gctatttgga tggctctttt gcaaagtaca tcctgggtc 450
attgtgtttg ctatattgc agcaatgtca atacaagggtt cagcaaatct 500
gcaaaccagg tgaaatattg taggggaggc ggccgc 536

<210> 436
<211> 513
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19, 40, 57, 66
<223> unknown base

<400> 436
agggtttaa taggactanc agtacgatgg gcagtgtctn ttaattttta 50
ttcaggngct ggtaanccgc ctatgttgg tgattatgaa gtcagagac 100
ctggcaagaa ataactttt aatttaccgg tcaaacaatg gtatttacc 150
agcagtgata acaatttaca gtattggga ttggattacc cacctcttac 200
agcttatcat agtctcctat gtgcataatgt ggcaaagttt ataaatccag 250
actggattgc tctccatata tcacggtgga tatgagagtc aggacataa 300
gctcttcatg cgtacaacag ttttaattgc tgatctgctg atttacatac 350
ctgcagtggc tttgtactgt tggtgcttaa aagaaatctc aactaagaaa 400
aagattgcta atgcattatg catcttactg tatccaggcc ttattcttat 450
agactatgga cattttcaat ataattctgt gagtctggc tttgctttgt 500
gggggtgaggc cgc 513

<210> 437
<211> 570
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 32, 48, 72
<223> unknown base

<400> 437
cactggccaa aaaattcgat gcgaggccca gnaagcacgc tgaaaccontg 50
gcggcggcaa gctgtgcgac tntttgcgg ccggcctggg caggtgtctt 100
cctcgagagg caggcagggg atcccgaca ctagctttat cgtcatctgg 150
gaaattgtta aaaatgc当地 ttgc当地 agtgc当地 ggttccaaga 200
aactgcataa gcatacgaaa taagttgcag cctcccgact tataccctgg 250
tacttcttagt ctaaaaacagg atttgactct actaatccag ccttatacag 300
gatgctgtgt tctttgctcc tttgtgaatg tctgttgctg gtagctggtt 350

atgctcatga tcatgtactgg attgacccca cagacatgct taactatgtat 400
gctgcttcag gaacaatgag aaaatctcag gcaaaatatg gtatttcagg 450
ggaaaaggat gtcagtcctg acttgcatac tgctgatgaa atatcagaat 500
gttatcacaa acttgattct ttaacttata agattgatga gtgtgaaaag 550
aaaaagaggg gtgcggccgc 570

<210> 438
<211> 557
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 33, 51
<223> unknown base

<400> 438
agaaaaaagaa gaatcaacgt aaataagata aanggattca aaataaaagat 50
ntcttgaaga gaaataagaa tcatttacaa aagcagcaga gaaaaatttt 100
acagatgaag gagccagcta tttaagatgg gcatcaaggt tctccagcag 150
tctaaaagcc aaaaacaaaaa agaagaagcc tacctacttt ttgccaaagc 200
agctgacatg ggaaaccttga aagctatgga gaaaatggct gacgctttgc 250
tatttggaaa ttttggcgtg caaaatataa cagcagctat ccaattatat 300
gagtcccttgg ctaaagaagg atcatgtaaa gcccaaaacg cattaggatt 350
tttgtcttct tatggaatag gaatggaata tgatcaagct aaggcactga 400
tatattacac ctttggaaat gctggaggaa acatgatgtc ccagatgatt 450
ttggggtaca gatatttgtc gggaatcaat gttctacaga attgtgaagt 500
tgccctaagt tattacaaga aagtggcaga ttatattgct gacacatttgc 550
aaaaaaag 557

<210> 439
<211> 330
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 116-117, 135, 196, 261
<223> unknown base

<400> 439
ttttgttgc ttgggtgttc tcacactctg caagttttac ttgcagggtt 50
atcgagtttt catgaatgtat cctgccatga atcggggcat gacagaagga 100
gtaacgctgt taatcnntgg cagtgcagac tgggntgata gaacatgcag 150
gttgttcatac gggcattctt gctcagtatt atccctttca ttgtcngtag 200

cttctatcct acagtctatg ttagaaattg cagatcctat tgtttggca 250
ctggagcat ntagagacaa gagcttgtgg aaacacttcc gtgctgttaag 300
cctttgtta ttttattgg tattccctgc 330

<210> 440
<211> 549
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 46, 64, 82, 85, 88, 169
<223> unknown base

<400> 440
accaccttgc ccatttattt tggcccttgt taaaccaata actgcntatc 50
cagatatgcc acantttgc ctgctgtggc anccntcntg gataggtgct 100
cttgtaatc acatggatgt tatataagag ttgggccccgc ccagcacaca 150
aggtcagcat gtgctttnt gtcacgctct cgctatacgct gttgtccaga 200
tcgttatctt ctcagaaagc tggcatttg ccaagaacat caacttctat 250
aatgtgaggc ctccctcoga ccctacacca tttccaaata gcttcaagtg 300
ctttacttgt gaaaacgcag gggataatta taactgcaat cgatggcag 350
aagacaaatg gtgtccacaa aatacacagt actgttgac agttcatcac 400
ttcaccagcc acggaagaag cacatccatc accaaaaagt gtgcctccag 450
aagtgaatgt catttgtcg gttgccacca cagccgagat tctgaacata 500
cgagtgtag gtcttgctgt gaaggaatga tctgcaatgt agaattacc 549

<210> 441
<211> 303
<212> DNA
<213> Homo Sapien

<400> 441
atttatttg ctaaattgaa aggaaacata gatggaattc caaaatatgt 50
acattcagct gtttggttt tcgttttca ttgttattat tgtgagaatg 100
ctgttattgg gtttgtgtgt gagtgcccggt cagccagtga tgcctcgcc 150
cacgtgtgg ggccaccta gtcctgcctg gtcctgggt cttggaccc 200
cacgtgcttg tggccaggct gcccctggc gggccatgt ggctcagac 250
cacaagagcg gagctgccct ggcccaagca ctgcagctgc ctgcacccccc 300
ggg 303

<210> 442
<211> 559
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 22, 38, 63, 90, 138
<223> unknown base

<400> 442
cgaccgcct tcgcggggca gnaaggccag gggtgctnag ttctttcacc 50
tcctttaga ctnaagattt gccaaagttt ccggcattgn tcttgaggat 100
ctcagaaggg ctcttaagc aagactgcaa atgggtgnat atttgcata 150
aaccgaatga attccccaga acagtggttt cactcagcgc agggaaatgg 200
ctcttggga ttgttattct tctgcttgc gatgtgatat gggttgcttc 250
ctctgaactt acttcgtatg ttttaccca gtacaacaaa ccattctca 300
gcaccttgc aaaaacatct atgtttgtt tgtacctttt gggctttatt 350
atttggaagc catggagaca acagtgtaca agaggacttc gcggaaagca 400
tgctgctttt tttgcagatg ctgaaggta ctttgctgct tgcacaaacag 450
atacaactat gaatagttct ttgagtgaac ctctgtatgt gcctgtgaaa 500
ttccatgatc ttccaagtga aaaacctgag agcacaaaca ttgatactga 550
aaaaaacccc 559

<210> 443
<211> 559
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 50
<223> unknown base

<400> 443
gacctcgacc caagggtccg cggangggtg ggactggtca tggatcttn 50
gtcaagaatg agtttcggcc ccctcctacc ttatggctta taataaatcc 100
ttgagtgtgg ggcaaccaca acttttctga ctgggattat tcagctaata 150
atggcgtat tgggtttggg ttcattgcca cttaccttcc ggagtctgca 200
atgagtgcctt acctggctgc tgtggactt catatcatgc tgtcccagct 250
gactttcatc tttgggatta tgattagttt ccatgccgt cccatctcct 300
tcttctatga cataattaat tactgtgttag ctctccaaa agcgaattcc 350
accagcattc tagtatttct aactgtgttt gttgctctgc gaatcaacaa 400
atgtatcaga atttcttca atcagtatcc cattgagttt cccatggaaat 450
tatttctgat tattggcttc actgtgattt caaacaagat aagcatggcc 500
acagaaaacca gccagacgct tattgacatg attccttata gtttctgct 550
tcctgttaac 559

<210> 444
<211> 547
<212> DNA
<213> Homo Sapien

<400> 444
acagttgtgg ggaatcactg ttcctggta gaaattctg catttatata 50
tattttcttg gctatattcc caaagcttgg attagcactg ctatgaacct 100
tcacatagat gagcagggttc ataggccact tgacacagtg agtggcctct 150
taaatctctc gttactctac catgtctggc tgtgtggtgt ctttctcctg 200
acgacttggt atgtctcatg gatactcttc aaaatctatg ccacagaggc 250
tcatgtgttt cctgttcaac caccattgc agaagggtca gatgagtgcc 300
ttccaaaagt gttaaatagc aatcctcccc ccatcataaa gtathtagcc 350
ttgcaggacc ttagtggat ttctcaatat tctccttcac gaagacaaga 400
agtttcagc ctcagccaac caggtggaca tccccacaat tggacagcca 450
tttcaaggga gtgttgaat cttttaatg gtatgactca gaaactgatt 500
ctctatcaag aagctgctgc tacgaatggg gggcatcatg cggccgc 547

<210> 445
<211> 525
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 40, 69, 176
<223> unknown base

<400> 445
ttcatggtaa aaaatgaact accctctgcc ataaagttttaatggaaaa 50
ggaagagaca ttttcagcnt ggacgtggat ggccgcgttc tgggtggat 100
agttaccttt ggcataattc tccctctgtg tcttttgaag aacttaggga 150
tcttggttat actagtggat tttccntgag ctgtatggtt tttttctaa 200
ttgtggttat ttacaagaaa tttcaaattc cctgcattgt tccagagcta 250
aattcaacaa taagtgtttaa ttcaacaaat gctgacacgt gtacgcccc 300
atatgttacc ttcaattcaa agaccgtgtt tgctttaccc accattgcat 350
ttgcatttgt ttgccaccccg tcagtcctgc caatttacag tgagcttaaa 400
gaccgatcac agaaaaaaaaat gcagatggtt tcaaacatct ccttttcgc 450
catgtttgtt atgtacttct tgactgccat ttttggctac ttgacattct 500
atgacaacgt gcagtcgcgc gcccgc 525

<210> 446
<211> 510

<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 2, 287
<223> unknown base

<400> 446
gnccacactg gccaaaaggt tgccgctagc cgccctggaa tttaaggac 50
ccacactacc ttcccgaagt tgaaggcaag cggtgattgt ttgttagacgg 100
cgctttgtca tgggacactgt gcgggttggga atattgatcc tcctttttt 150
ggccgtgcac gaggcttggg ctggatgtt gaaggaggag gacgatgaca 200
cagaacgctt gcccagcaaa tgcgaagtgt gtaagctgct gagcacagag 250
ctacaggcgg aactgagtcg caccggtcga tctcganagg tgctggagct 300
ggggcaggtg ctggatacag gcaagaggaa gagacacgtg ctttacagcg 350
tttcagagac aaggctggaa gaggccttag agaatttatg tgagcggatc 400
ctggactata gtgttacgc tgagcgcaag ggctcactga gatatgccaa 450
gggtcagagt cagaccatgg caacactgaa aggcttagtg cagaaggccc 500
ctgcggccgc 510

<210> 447
<211> 551
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 32, 95, 98, 107, 207, 374
<223> unknown base

<400> 447
aagttttttt ttaattatca tgggacgggt tntggattta atggggggaa 50
aaggcggaa aaggacaagg atccaaactg gggaaattgt tgatntngg 100
gtccctntcc gctttccggc cggcagcggc tgccagggta tatttcctt 150
tttccgatcc tgcaacagcc tctttaaact gtttaatga gaatgtcctt 200
ggctcanaga gtactactca cctggcttt cacactactc ttcttgatca 250
tgggtgtt gaaactggat gagaaagcac cttggactg gttcctcata 300
tttattccag tctggatatt tgataactatc cttcttgtcc tgctgattgt 350
gaaaatggct gggcgggtgt agtntggctt tgaccctcgatcatggatcac 400
acaatattaa aaaaaaaagcc tggtaacctca ttgcaatgtt acttaaatta 450
gccttctgcc tcgcactctg tgctaaactg gaacagtttta ctaccatgaa 500
tctatcctat gtcttcattc ctttatgggc cttgctggct gggcggccg 550

c 551

<210> 448
<211> 346
<212> DNA
<213> Homo Sapien

<400> 448
taattaaaat gcacacacac acacacacac acagaaattt tgagagccat 50
tttaatataa ttgcctccct agaaaacatac ctttttaggga atttttatca 100
ctaaaccaca tggattttaa atacgtacat gtttaacata aatacataca 150
taaaattcac atgcatactt aacacttatg taaaatatat tcaatgtata 200
tacatatgtt cacaatatac gcatatatac atgtgggtat gtggtatgt 250
tgcatgtgtg tgtatggcca gctacataat ttgtggact aaggggaaaa 300
tgaaactgtt cggccctcggt tcaaaaattt ggtgtggggc ggccgc 346

<210> 449
<211> 550
<212> DNA
<213> Homo Sapien

<400> 449
ccagtttgc aaactactac tcttcaatgc ttctacatag cattttttaa 50
gggcaaattt gtaggctatc caggagaccc cagtttattt gttggggaaaa 100
tacagaaatg aagagtgtga cccaggtggc tgtcttcttgc aactgacaac 150
tcagcttgc aataatcatg ggaggaaaag caatctggaa taacatacaa 200
gaagtattat tgccctggat catgaatcta attggcgat ttcacagagt 250
ttctggatca gaaaagataa ccccacgatg ggaacaggac taccatctgc 300
agcctatggg caaactggga ttatttatg aatatcttgc aatgattttt 350
cagtttgggt tcgtcacctt atttgggcc tctttccac tggccccctct 400
gttggcttc gtgaacaata tattggaaat aagagtggac gcatggaaac 450
tgaccaccca gtttagacgc ctggtaccag agaaagccca agacatttgg 500
gcatggcagc ccatcatgca aggaatagca attctggctg tggcggccgc 550

<210> 450
<211> 499
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 57, 65, 68, 100, 146, 160, 177, 194, 237
<223> unknown base

<400> 450
ctgttaatga ttgcatttgg ctttgctggg ggggcatttt cttggggatc 50
aaaccncgc aaagngtnntt catttccacg tgtctgttgc tgcacn 100

cccttggtgt ccaggttcct tcatggccag tgctcggtt acaaanaagg 150
cgacattgan tacaagcccc gtgctcntcg gcatgctggt aacncaggac 200
gtgcagctcg ggctttcat ggccgtcatg ccgactntca tacaggcggg 250
cgccagtgca tcttcttagca ttgtcgtgga agttctccga atcctggttt 300
tgattggtca gattctttt tcactagcgg cggttttct tttatgtctt 350
gttataaaga agtatctcat tggaccctat tatcggaagc tgcacatgga 400
aagcaagggg aacaaagaaa tcctgatctt gggatatct gcctttatct 450
tcttaatgtt aacggtcacg gagctgctgg acgtctccat ggagctggg 499

<210> 451
<211> 474
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 26, 61, 77, 92, 99, 118, 136, 148, 167, 171, 228, 233, 255, 283,
347, 404, 468
<223> unknown base

<400> 451
atcccaggcc tttaggcccc ggaatnaaca attgcaatgc acgtttaagg 50
aaaaggccat ntcggattca gaccctnacg gccttcccac antttgtcnt 100
cacttgcaac agggcttngg gtgggcctcc cgtttntaaa gcaccccnct 150
atgaatgcac agcaggncaa nacccaagtc ccaagactgc ctgggcctac 200
tggcccccct agcatttgtg cagaggtntc ctntacaagc tcccatgttg 250
ggaanaagca cagacccacc aggacccctg ttntcctcct cagatcccct 300
tcctgccacc tttcccaact ccggggactc agcccaggac acctcgntga 350
ttcctgcccc cttaaacacct gcaagcaggg atgccggcat cagaagaatg 400
tttngtgtt gaaattgttt gaggggttg ggtttathtt tgttggttt 450
ttctttttt ttgcttangt gggc 474

<210> 452
<211> 421
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 108, 153
<223> unknown base

<400> 452
acggcgctcc ccgccccaaa tcaaagctcc gagtcatccg tgtggggcat 50
tcgtcccccc tggcacagtt ggccttttc cagaagcccg ttttgggtt 100

tttacgtnta aattcgcgtc gggttcttatt tctctccctg gcaaggctcg 150
aanacgggta ggagaataac ctgtgtcagc gtgttatgtat gccgtcccgt 200
accaaacctgg ctactggaat ccccagtagt aaagtgaaat attcaaggct 250
ctccagcaca gacgatggct acattgacct tcagtttaag aaaaccctc 300
ctaagatccc ttataaggcc atcgacttg ccactgtgct gttttgatt 350
ggcgcccttc tcattattat aggctccctc ctgctgtcag gctacatcag 400
caaagggggg gcagaccggg c 421

<210> 453
<211> 504
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 84, 117, 121
<223> unknown base

<400> 453
gtcatcttta cattcttagtc ctccctgcattc tcctcaaggt tccccctcaca 50
aaggttacac acttattcca tcagctaaat ctgncaactt gtctgactcc 100
agccatagtg agatttnttc ncgggtccagc atcgtgagca attgttctgt 150
tgactccatg tctgcagctc tacaggatga acgggtttcc tctcaggccc 200
tggcagtccc tgaatccact ggggcattgg aaaagacaga gcacgcttca 250
gggataggag atcatagtc acatggccct ggggtggacac tcttgaagcc 300
atctctaatac aagtgtttag ctgtctcattc gtctgtgagc aatgaagaga 350
tttctcaaga gcatatcatt atagaagcag ctgacagtgg tcgtggaagt 400
tggacttcgt gttcaaggcag ctcccatgac aacttccaaa gcattccaaa 450
cccaaaaaagc tgggattttt tgaactctta cagacatacc catttggatg 500

accc 504

<210> 454
<211> 474
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 21, 46, 55, 81, 86, 218, 301
<223> unknown base

<400> 454
ttatgctttt cttgcagtat ntgaaaggcc cgattaacaa aacaanagtc 50
ccaanacccc ttttctttt tgggtgtatc nctagntgca ggtgctgtgt 100
tccttagtgt catctatttg acttatacag gttacattgc accatggagt 150

ggcaggaaaa attcattgtg ggataactggg tatgcaaaaa tacacattcc 200
aattattgca tcagtgtntg agcatcaacc tacagacttg ggtgtcttc 250
ttcttgcatacataattct tgtatgtacc ttcccagcag gccttggtt 300
ntgcatcaaa aatatcaacg atgaaagagt atttgttgct ctatatgcaa 350
tcagtgctgt ctactttgct ggagtgatgg tgcgactgat gttgacttg 400
actccagtcg tgtgtatgct gtctgcaatt gcctttcaa atgttttga 450
gcactatttg gggggagcgg ccgc 474

<210> 455
<211> 525
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 28, 57, 91-92, 98-99, 127, 133, 151, 178, 221, 236, 239, 267,
295, 301, 325, 349, 381, 396, 426, 441, 481, 498, 501, 516
<223> unknown base

<400> 455
gccagaaaaac ccttaagaaaa aaaagcgnag gaaatttcg ccaaagctga 50
aagatcncag cgccctgaga aaaaagtttgc ccccaaaaaag nntgttnna 100
aaaggccaag gaggaagccc cctttntcc ctngggcact tgtatTTTT 150
naaccctgct ttccccaaat ccccactnat gaggatcagc ccatgggtgt 200
atTTTgcga tgatttcctg ngtcctggag tctttntcng gtcaacgggt 250
ttcttgTTTat atttgcncta tgttagctgat gtcaattcag gagcnccggag 300
ngaagtacaa gcttatggat gggtnctcag cccaccttg cggctagtn 350
ttgtcagcag cccggccat tggagcatat ntTTTctgcc agtttncgga 400
gacagcctcg ttgtgctgggt ggcccncaagt ggtggctctt ntggacatct 450
ggttcatctt agtggctgtt ccagaatcct ntgcatgaga aaatgagncc 500
ngtttcctg gggagntcgc gccgc 525

<210> 456
<211> 506
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 94, 139, 162, 195, 257
<223> unknown base

<400> 456
tccttgtaa acatgaaggg ccccggttagc catggTTGG ccaccttcat 50
tccaaggcacc ccgccccagc aaggcctcct ggtaccttgc tcancactt 100
gttgtagaag gtgatgccga tggagaagca gtagtagana agcaccagcc 150

ccagggtaa cnccgccttc cacaaaaagc cacatcgagg gcccncctcc 200
ccattcgtgg cggctgcagc accggagctc ctgagtcagc gggggcaggc 250
acccctnttg aatacaatgt gcaggaagag ccggtgaggtagaccacag 300
cttcaccaa gaacgtctcc aggctggagg agctctctgc agctccatga 350
ttcggAACCA tcagcagagc cccaggcaga gtccctcacct aaggggctgg 400
tggctggtgc tgacccttcc catggtaat tggatgcagc gtcacaggt 450
cccaaggct gctcgccct gggagctcca ggccggaatt tttggccagt 500
gtggcc 506

<210> 457
<211> 194
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 36
<223> unknown base

<400> 457
tgctcccccc ttcctctcc acaatctcac ccattntgca tgtgccggtg 50
cccttcctg tcatcccacc tttctctgag actgtgttct tttttcttaa 100
ttctgttttc tgtttgttct ttaggttgca tagtctttat tgatatttct 150
ttgaattcac tgattttct gccagctcag tctgttgttgc agcc 194

<210> 458
<211> 480
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 40, 61, 105, 128, 193, 217, 229
<223> unknown base

<400> 458
gattacaaaa acaaaaaatg tttaatttaa gtgaaagggn ttaataattt 50
taatctggga nttaataatt cagtggaaat tttaaatgaa tagttactat 100
aatcncaaatt aattgagagt caactttttt tttccccaaa acatacatga 150
aaggctgtg tggtaagct ctgattttca ggaccctat ttntggaaagc 200
agagtaactg gaaatantaa gtcaagatnt gaaaaccatt tgaagttaac 250
caaaaaagcac aggctactaa ggcaggtgca gcatcaatga ttcactacat 300
ggttctgata tcagctcgct tggtactact cactttgtgt ggatgggtac 350
tttggggac cctcgtaat ctcttcgaa gccattcagt cctcaatctc 400
cttttccttg gctaccgtt tggtgttat gttcctcttt gctgtttca 450

tcaagatagt agagcacatc ttcttctcac 480
<210> 459
<211> 564
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 57, 73, 84, 93, 105, 147, 150, 156, 235
<223> unknown base

<400> 459
cggtccgaat atccggaacc tgacccaatc cttggccttt gaaactttca 50
tttttngtt gtctgcctca acncgtcagg tggngcccaa acnttggtaa 100
agtcnagatc cgggggaggg tacttcatgg cttggactc catattnttn 150
tgcatntacg tggtgaaagc cctgctcaag atcatcgccc tggcctctt 200
ggtacttctt tgacttctgg aacaatttgg acttnttcat tatggccatg 250
gccgtgctgg acttcttgct gatgcagacc cactcctcg ccatctacca 300
ccaaagcctc ttccggatcc tcaaggctt caagagcctg cgggcctga 350
gggcaatccg ggtcctgctgg aggctcagct tcctgaccag cgtccaggaa 400
gtgacaggga ccctgggcca gtccttgccg tccatgcag ccatcctcat 450
cctcatgttt acctgcctct tcctcttctc cgccgtcctc cgggcactgt 500
tccgcaaatc tgaccccaag cgcttccaga acatcttcac caccatctc 550
accctcttca cctt 564

<210> 460
<211> 565
<212> DNA
<213> Homo Sapien

<400> 460
caaagaaaag aaaagggcac ttccggagcaa atcatacact aggcctttga 50
tgcttaatt ctttttcagt tcattaaaag taactactaa ggaaaggtaa 100
aaaacttccc ctcaaaaagg aatcaacccc aggaagtaat cattacaac 150
gattttccca aattttgaca atctgtcctg gaaagcaaac ccctttaaa 200
atctaattgtc tgggcttga gtattagctc atttagggtg gacaaatgca 250
ttactgttt caaaactgctc acatttattc agtatttctc caagttgcta 300
tctactcagc cttatgaatg cccctagctt ttctaaaggcc atgtgaaaat 350
cacggcactg cccttagcct tgtgtcatct gcttttcgt tctgcgatat 400
gcccagttcc caaatcaatt ataggtacct gtttaggaga gaggaagatt 450
ttacctctca aagggtgaga tttgaaattt acactaaaaa gacaacttta 500

catttaatgc ttcacttaat gagacattct ttttttata agtctat 550
tctactcagt ttcag 565

<210> 461
<211> 563
<212> DNA
<213> Homo Sapien

<400> 461
atgcagttgt taaggttac tgcccttgcc attttaatta tgaggctaaa 50
gatgttttg acgctgcaca tgtgtgtatg gcttccttga tatgctctcg 100
cagttcttg gtggctttt cgccagatcc gttttgataa tgttatctt 150
ggcattctaa cagtgtatgc aatacaaggt tatgcaaacc tccgtaatca 200
atggagcata ataggagaat ttaataattt gcctcaggaa gaactttac 250
agtggatcaa atacaatacc acatcagatg ctgtcttcgc aggtgccatg 300
cctacaatgg caagcgtcaa gctgtctaca cttcatccca ttgtgaatca 350
tccactttac gaagatgcag acttgaggc tcggacaaaa atagtttatt 400
ctacatatacg tcgaaaatct gccaaagaag taggagagaa attgttggag 450
ttacatgtga attattatgt ttttagaagag gcatggtgtg ttgtgagaac 500
taagcctggc tgcaatgc ttgaaatctg tgatgtggaa gacccttcca 550
atgcagctaa ccc 563

<210> 462
<211> 487
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 17, 37, 70, 126, 128, 131, 150, 161, 172, 234, 299, 321, 368
<223> unknown base

<400> 462
gaagtgggcc caacatntga caaaactccc aatgaangat tccccgat 50
aaacaatggg ggcagggctn ccggcttcga gggcaagtt tcaagcattc 100
aacaaagggt ccccccggaaa atttcnangg ngtccaacac tcagtgcnn 150
cagcccagcc ncagaaccca anacataagg catgtcatcc acaagctctc 200
ctttggggac aacgctacag gtccagaaca tccncggagc tttcaatgt 250
ctcgaaaaag cagacagact cacctccaaac cccctggcct cccacgacnt 300
acatcctgaa gattgtgccc ncggtttatg aggacaagag tggcaagcag 350
cggtactcct accagtanac ggtggccaac aaggaatacg tcgcctacag 400
ccacacgggc cgcatcatcc ctgcaatctg gttccgctac gacctcagcc 450
ccatcacggc caagtacaca gagagacctg cggccgc 487

<210> 463
<211> 535
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 59, 66, 82, 227, 440
<223> unknown base

<400> 463
tatcaagggg cgggttttgg atttaatggg gggaaaaggg gggaaaaggc 50
caggatccna actggngaat ttgggtgattt tngggtcctt ttccgcttcc 100
cgccccggaa gggctgccag ggtatatttc ctttttccg atccgtcaac 150
agcctcttta aactgtttaa atgagaatgt cttggctca gagagtacta 200
ctcacctggc tttcacact actcttnttg atcatgttgg tggtgaaact 250
ggatgagaaa gcaccttggaa actgggtcctt catatttatt ccagtctgg 300
tatttgatac tattccttctt gtcctgctga ttgtgaaaat ggctggcg 350
tgtaagtctg gcttgaccc tcgacatggaa tcacacaata ttaaaaaaaa 400
agcctggta ctcattgcaa tgttacttaa attagccttgc tgcctcgac 450
tctgtgctaa actggaacag tttactacca tgaatctatc ctatgttttc 500
attcccttat gggccttgct ggctggagcg gccgc 535

<210> 464
<211> 451
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 57, 59
<223> unknown base

<400> 464
aaaaggccaa ttttaagcaa aatataacaa aacgagaagt ggaggatgac 50
ttgggtntna gcatgctgat tgactcccag aacaaccagt atatttgac 100
caagccaga gattcaacca tcccacgtgc agatcaccac ttataaagg 150
acattgttac cataggaatg ctgtccttgc cttgtggctg gctatgtaca 200
gccataggat tgcctacaat gtttggttat attatgtg gtgtacttct 250
gggaccttca ggactaaata gtattaagtc tattgtgcaa gtggagacat 300
taggagaatt tgggtgttt tttactctt ttcttggctt cttagaattt 350
tctccagaaa agctaagaaa ggtgtgaaag atttccttac aaggggccgtg 400
ttacatgaca ctgttaatga ttgcatttgg cttgtgtgg ggagcggccg 450

c 451

<210> 465
<211> 573
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 33, 79
<223> unknown base

<400> 465
cactggccaa accattataat ggcatactct ggntacgtgg tctgcctgtt 50
attggaaaga tatattaaga atccagttnt ggattgcagc tgttattttt 100
ttgggaatgc ttgaaaaaggc agtttttat agtgaataacc aaaacatcag 150
caacactgga ctgtcaaccc aaggcttattt gatattgcg gagttgattt 200
ctgcgattaa gaggacgttg gctcgcccttc tcgtgatcat tgtgagcctg 250
ggctatggca ttgtgaagcc tcgttagga acagtcatgc accgggtgat 300
cggaactgggg cttctataact taatcttgc agctgttcaa ggcgtgatga 350
gagtcattgg gggttctaac catttagctg ttgttcttga tgacattattt 400
tttagcagtta ttgactccat ttttgtgtgg ttcattttta ttagttggc 450
acaaaactatg aagaccctaa ggctaagaaa gaacactgtg aaattttcat 500
tatatagaca ttttaaaaat actctgatct ttgctgtgct ggcttctata 550
gtgttatgg ggtggggcggc cgc 573

<210> 466
<211> 506
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 19
<223> unknown base

<400> 466
tggatggtag cctggcccnc ccagagtccc agggcaatgg gtccattttc 50
agcccaatgt ggtgtacatt accctacgct ccaagcgcag caagccggcc 100
aatatccgtg gcaccgtaaag cccaagcgca gaaaaaaagca tgcagtggca 150
tcggctgccc cagggcagga ggctttggtc ggaccatccc ttcagccgca 200
ggaagcggca agggaaagctg atgctgttagc acctgggtac gctcaggag 250
caaaccctggtaaagatttggaa gagcgaccct ggaggttgggt gcgggggtccg 300
ggagtgcgag ccggggggcccc agacttcctg cagcccagct ccagggagag 350
caacatttagg atctacagcg agagcgcccc ctcctggctg agcaaagatg 400
acatccgaag aatgcgactc ttggcggaca ggcgcgtggc agggctccgg 450

cctgtgtcct ctaggagcg agcccgttt ctgggtgctgg aggggggtgc 500
ggccgc 506

<210> 467
<211> 410
<212> DNA
<213> Homo Sapien

<400> 467
aacctgtgac gtttgtgtgt tcttactagc tttaatttgt atgttagcaat 50
gaatttgtaa tcttagtgca gtgggttttt taaaaaaact caaaaagctg 100
ggaattaagg gtttcagtaa taatgctata ccgaggtgct tgcattgtat 150
ttcataaattt tgttacaac caaaattattt tttaatgaga acagtcttgg 200
gttcagaggt gtgatgccag aatgtatccc cgtactgtt ggcccttgga 250
acagataccg gtgcttctg aaagatgaaa gaaatgcaat gggtgcttt 300
catgcaaggt tgcaaaccctt ccaagaatgc ataatagtct cactttccc 350
caataaagag atgcgtgtga ctagtttgg acttttaacc ttaatgggaa 400
tggcgccgc 410

<210> 468
<211> 395
<212> DNA
<213> Homo Sapien

<400> 468
atggccctgg gcatccattt acctgctttc tgtccctgtt gattagttt 50
gcctgttcta gaattttatg tatgtaaagg aatgtatgact atgtatgtt 100
gtgtttggct tattttacc agcaagttt tgaggatcat gttattgtgt 150
gtatcagaag ttagttctt tttattgctc agtagtattt cattctgtga 200
atttaccatg gtctgtttaa tatattcatc tattgtatgtt gaacatttag 250
attacttttcc gttttgcct attaaaaata aagttatgtt gaatatgcat 300
gtacaagttt gattgtggat atactttgtt ataataacta gaaccaggag 350
tggttcaaaa tttaattttac acatctactc cctgtgttat ttgcc 395

<210> 469
<211> 558
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 53, 122, 235
<223> unknown base

<400> 469
tggctgaaaaa tttttgaaaaa aaagaatatt ttcttttaa taggttaactt 50

aanatatttt attcattgtc gcccagtgt acaagaggaa tcagttaaac 100
tcctgtgtcc aggccagtagc cnccaattaa tgcacttgta gctactgaat 150
tccagccaag ataaatataa ttaaatctag tgcttcagga aatgagttga 200
tcatcaaggg agttagaatg gaaaaacatt tatgnataat tttaaaggac 250
attggactta actgtttgga atgaatgagc ttgattttt ctatacatat 300
tataagttaa tataaaaaaaa ggctttgggt agactccgt a tgaccttatg 350
tatttgattt catgagtttc atttctgca gtaactttat cattcatttt 400
tcatctcta ggctggaatg tagtggaaaa agaactgaac taggagttag 450
aagatttaag ttttggctct ggctccatca catactggca gtgatgatct 500
tagccaagtt tgaactgctt atggcggggt cttgtttattt catttcagta 550
tttccaac 558

<210> 470
<211> 552
<212> DNA
<213> Homo Sapien

<400> 470
agttaccctc actttaccaa ggactttgct cggcgtttat tagtgctgtt 50
tggtagcat tcccattgct cacaaagctc tgtgtgcata aggacttcaa 100
gcagcatggt gcccaaggaa aatttattgc ttttacctt ttggggatgt 150
ttattccta tctttatgca ttgacctcat ctggcagta tttgagatgt 200
ttaccctat cctcgggaga agtggttctg aaatcccacc tcatgttgt 250
ctggcatcca ttttggctgg ctgtacaatg attctctcgt cctattttat 300
taacttcatc taccttgcca agagcacaaa aaaaaccatg ctaactttaa 350
ctttggtagt tgcaattaca ttcctccttg tttgcagtgg aacattttt 400
ccatatagct ccaatcctgc taatccgaag ccaaagagag tgtttcttca 450
gcatatgact agaacattcc atgacttgga aggaaatgca gttaaacggg 500
actctggaat atggatcaat gggtttgatt atactggaat ttctcacata 550
ac 552

<210> 471
<211> 549
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25
<223> unknown base

<400> 471
gaggcattgt gaatggttgc agtgnagctt aggtataaca tcatcaagtg 50

tgttcacacg cgggtcggg tttaatggag tgtccacgcg gagataactg 100
cgatattgga acacctgtga gagagattgt tctatagggt ggaatattca 150
gagttacatt ctggaaagt tctgttttta ctgcataa acaccctct 200
gttgttctcc atcatcttta atagcaactg gagaccactt tggtcattgg 250
taagggggtg cattctcctc acaaagggtt tttatggact tcctcaggcg 300
gagagcttct gagaacacag gcaggatgga aaaagactac tagccacttt 350
tgcttccca acccccctta atgccatcttcattgtctt tctggcttct 400
cttcttctgg cacagtagcca ttttgggtct gtgcggcagt gtggagcaaa 450
acattgcctg tcccattctg atataacttca gaatttgaga gcagaagttt 500
atgtgaaaca aaagtttca ccatctctca agccccagg actggagcc 549

<210> 472
<211> 510
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 46, 95, 404
<223> unknown base

<400> 472
attaggctgt ttgggagcat tcccatgtc cacaaggctt ttgtgnncat 50
aaggacttca agcagcatgg gcccaagaaa atttattgtt ttttnccttt 100
tggggatgtt tattccttat ctttatgtcat tgtacctcat ctggcagat 150
ttgagatgtt tacccttatac ctggggagaa gtggttctga aatcccaccc 200
gatgttgc tggcatccat tttggctggc tgacaatgtat tctctcgatcc 250
tattttatta acttcatcttta ctttgcctttt agcacaaaaaaa aaaccatgtt 300
aactttaact ttggatgtt caattacattt ctttgcctttt tgcaatggaa 350
catttttcc atatagctcc aatcctgtcta atccgaagcc aaagagatgt 400
tttnttcagc atatgacttag aacattccat gacttggaaag gaaatgcagt 450
taaacgggac tctggaaatat ggatcaatgg gtttgattat actggaaattt 500
ctcacataac 510

<210> 473
<211> 471
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 70
<223> unknown base

<400> 473
gattgcaagg aggattttat atgatagtca tagcttgtct ttaaaagttt 50
ggtagtgat aatatcagan cagtaaaagg ctatttcaca ttttaaaaact 100
aaatctttat taaataatta tttcacaagt tagtaattat tgatattctt 150
cttcagggac tagagttcct atgcttccta aactgacttt taaggaaaga 200
tgagactata ttcatgtgcag ttttaatatg acatattttt ttagtcttta 250
ttttttaaat tgatattttt tgaaggagtc tatggactat aatacgaaaa 300
ttctgggtgg ggagggcagga aacctggctt tcaagtacac tccaaatagct 350
tttatataaa attcaggtgt tctttttctc taataacttga aatagctatt 400
ttcattttca tgtcattttc tgtactttc ctgatacttt taaacattgt 450
tttattttca aatgaacagc c 471

<210> 474
<211> 379
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 27, 77, 96, 101, 109, 117, 124, 185
<223> unknown base

<400> 474
ttcccgcaat tttcagaaaa atggantaa aagaaactat tttgtaaaat 50
aaaaaaagctt ccattttaa tgaccancat gtattaagat ggaacntact 100
ntacgaaanc gaagttntat ggtntcgaaa agcccgtgcc tgtttaaac 150
ttgatcctaa ctaaaaacag acttgagtgg atatnagaat gttggtagt 200
ggcagaagag tcaaaaaatg gcagttaatt attcagttat ttgctacttg 250
tttttagcg agcctcatgt tttttggga accaatcgat aatcacattg 300
tgagccatat gaagtcatat tcttacagat acctcataaa tagctatgac 350
tttgtgaatg ataccctgtc tcttaagca 379

<210> 475
<211> 446
<212> DNA
<213> Homo Sapien

<400> 475
tttagaaatg gtatggcaga atccagaaaa tgctttattt aagacagtca 50
ttgatcacca gtacacttga tctccagttac agacatattgg tggaacagaa 100
gcctggatac aggactcaga ctcttactgg ttggatcat acgtgatcgt 150
ttgattcagt tcatctctaa attgcagttt gccgtgactg tgctttgac 200
atcatggaca gagaaaaaac aacgtcgaaa aacaactgcc actttatgt 250

tactcaacat tgtctttct ccattcgtgt tggtcatcat agtttttct 300
acactactct cttctccctt actccctctt ttcacccttc ctgtgttctt 350
ggtggggttt ccccgaccta ttcagagttg gccaggagca gcaggcacca 400
cagcctgtgt gtgtgcagat acagtgtact actaccaaata ggtgcc 446

<210> 476
<211> 451
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 37, 43, 81, 83, 126, 206, 244, 256
<223> unknown base

<400> 476
gggtgctctt tttcaattca ggaacatcaa cattantaa acngtggggt 50
gggatcctta caaatcatcc tgctttttg nanatcaactg gctactaagg 100
caggtgcagc atcaatgatt cactanatgg ttttgatatc agctcgcttg 150
gtactactca cttttgtgtg gatgggtact ttgttgacc ctcgtcaatc 200
tcttngaag ccattcagtc ctcaatctcc tttccttgg gtancgggtt 250
ggtgtnttat gttcctcttt gctgtttca tcaagatagt agagcacatc 300
ttcttctcac agactacaaa tatgtggttc agcacgagggc agtagaggaa 350
agtgcctcga ctgtggagg cttggccaaa tccaaagact ttctctcctt 400
gttgcgtggag tcgctaaaag aacagttaa taatgccaca cccatccccca 450

c 451

<210> 477
<211> 527
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 7
<223> unknown base

<400> 477
ggccacnctg gccaataaag ggcaaaaagc tttatTTTT tgaacaggaa 50
aacatgtttt ttAAATTcAc atgttttGta tgagactttt gcgaagcaag 100
gcatgaactg ctaggtatta ttaagaatga atgatttttG catttaagtt 150
gtttgaaggc atgtatTTTg aaaaatatct gttacaatt tataatttca 200
agacaaatttG aatcttattt tataatactt ttGGAATTcC attaataagg 250
ctaaaatttG aggaatataa ctaattttca gccttaagac atttaagttt 300
ggaagtccctt gctattcaac agaataacaa gaaaacttca gaatgtatca 350

ctctcctgaa aagaagatat taataagccc ttttatttat ggttatagtt 400
ttatttatac tctcaaaatt cctaaagcaa tgctacaacc attgaatttg 450
ccatattttg tatcagtgcgt gttaatttgc tggtgcctca agaaaaaagtg 500
cttttctcc atggatgagg cgccgc 527

<210> 478
<211> 332
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 75
<223> unknown base

<400> 478
cacacacaca cacacacaga aattttgaga gccatttaa tataattgcc 50
tccctagaaa catacccttt agggnatttt tatcactaaa ccacatgtta 100
tttaaatacg gtacatgttt aacataaata catacataaa attcacatgc 150
atacttaaca cttatgttaa atatattcaa tgtatataca tatgtacaca 200
atatatgcac atatacatgt gggatgtgg tatgtgtgca tgtgtgtgta 250
tggccagcta cataatttgt gggactaagg gcaaaatgaa actgtacggc 300
cctcggtcaa aaatttaggtg tggagcggcc gc 332

<210> 479
<211> 569
<212> DNA
<213> Homo Sapien

<400> 479
accaatcaga tgtatttagg gatttggat attctaccag gtgttgtgaa 50
atgtcaaatg gaacaagcgt ttcatcttga ttttggact gaattggAAC 100
caagaaaaga aatagtgcta tttgataagg caactagagg aactactgt 150
caaaaattta aagaaatggt ctatgtctc tttaaggcaa aattgggtga 200
ccaaggaaac ctctctgaac tggtaatct catcttgacg gtggctgtat 250
gagacaaaga tggccaggtt tccttggag aagcaaagtc ggcattggca 300
cttcttcaac tgaatgaatt tcttctcatg gtgataacttc aagataaaga 350
acatacccccc aaattaatgg gattctgtgg tgacctctat gtgatggaaa 400
gtgttgata tacctcttattt tatggaataa gccttcatttgc ggtcatttggaa 450
cttttatttc catctgggtt cagaagaaggc acggatcaggc tggcacacc 500
atcatggcca agaaaggcca aaatagccat aggacttcta gaatttgg 550
aagatgtttt ccatggccc 569

<210> 480

<211> 540
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 41
<223> unknown base

<400> 480
ccgcggatca ctcggagact gaggacatgt atgggacgac ntgtacatg 50
gcccgagtg ccggcatct gtcaccagtg acagtgggg gccccatgtg 100
aatacccttc actcagggcc aaacgtgccc caaagaggat gttttcagc 150
agaatcattt attctggctt cagaattcaa gtccttcctc tgatcgagtt 200
aggcaataat ctgggagggg aatgagtgca aaaagatgga tatgtctgtg 250
ttggaaataa gtggcatcat catgagcagg gtcaataacct atcagcaagg 300
agtaggttat cagatgctgg gaaatgttgt cactattgga ttagcatttt 350
ttccattctt acatcgactt ttccgtgaga agagccttga ccaactaaag 400
tccatttcag ctgaggagat cttgactctc ttttgggg caccacctgt 450
tacacctatt attgttttgt cgataattaa ttttttgaa agattgtgtc 500
ttacttggat gtttttttc atgatgtgtg tggcgccgc 540

<210> 481
<211> 77
<212> DNA
<213> Homo Sapien

<400> 481
ggccacactg gccaaagagc atatttgate actttgattc tctgtttttt 50
tctctccgcg gtgtgtgtgg cggccgc 77

<210> 482
<211> 560
<212> DNA
<213> Homo Sapien

<400> 482
aaagacccag tcatggcaag cctccaagca tcagttcacc atggggaaag 50
catgtttca aagccattct gatggtccta agtggccctt atccttcctcc 100
actcagcatt ggcccagtcc cgtcgagact ttgcaccacc aggccaaacag 150
aagagagaag ccccagttga tgtcttgacc cagataggta gatctgtgcg 200
agggacactg gatgcctgga ttggccaga gaccatgcac ctgggtgtcag 250
agtcttcgtc ccaagtgttg tggccatct catcagccat ttctgtggcc 300
ttctttgttc tgtctggat cgccgcacag ctgctgaatg ctttggact 350
agctgggtat tacctcgccc agggcctgaa gctcagccct ggccagggtcc 400

agaccttcct gctgtgggaa gcaggggccccc tggcgtcta ctggctgctg 450
tctctgctcc tcggcttggt cttggcatttgc atggggcgga tcctgtgggg 500
cctgaagctt gtcatcttcc tggccggctt cgtggccctg atgaggtcgg 550
tagcggccgc 560

<210> 483
<211> 581
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 134, 187, 224
<223> unknown base

<400> 483
caaaaacgatt ttattgccaa acccttgca ctccgattgg catcgaggac 50
agtggtcctt atcaggccca acccaatgcc atcattgaaa aggtgttcat 100
atctattacc aagtatcctg ataagaaaag gtgnagggcc tgtcaaagca 150
gctggattgg aatgtccgaa aaatccaatg ctggttngcc atcggaggaa 200
tcaggacaag ccccccaacgc ttantaaatt ctgtgaaagc atgtggagat 250
tcacatttta tttatgtata ttctgctatg. gaatttagatt tctctggctcg 300
tcaccttgtt tctggacat ccgacagtgc tggcataact atccatttca 350
gcctctttca agtgggcttt atcactatta tatcatggaa ttggccttct 400
attggccct tatgtttct cagttacag acattaaaag aaaggacttc 450
ctgatcatgt ttgtgcatca cttggcacc attggccta tctccttctc 500
ctacatcaac aatatggttc gagtggAAC tctgatcatg tgtctacatg 550
atgtctcaga cttcttgctg gggcgccgc c 581

<210> 484
<211> 358
<212> DNA
<213> Homo Sapien

<400> 484
tcttaggtcca ttgtcacctt ttctggcacg acagcctccg ccccacccgca 50
ttccccaggc caagctggtg gccatgcttc agacacgaga cccaccaagg 100
gcctccgcca gaccacggtg cctgccaagg gccaccctga ggcggcggctg 150
ctgtcagtgg gggatggac ccgtgttggg atgggagccc gaaccccccag 200
gcctggggcg ggcctcaggg accagcaaattt ggcccccattt gctgctcctc 250
aggccccaga agccttcaca ctcaaggaga agggggcacct gctgcggctg 300
cctgcggcat tcaggaaagc agcttccag aactcgagcc tgtggccta 350
gcggccgc 358

<210> 485
<211> 583
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 32, 61, 95, 100, 110, 190, 205, 228
<223> unknown base

<400> 485
ctggccaaac atatggggta tgaaaataaa anaattacat atgaagattc 50
aaaaccatcc ncaggaatga attacacgcc ctcccaggca tcaanaagcn 100
caggaggagn cagttatgaa gtcaaaggta tagatgc当地 atgaaccaac 150
aaaaggaagt ttttttttga aaagcagtaa aaaaaagctn caagaaacac 200
ccaantgaag caaatcacgt acaaagantg agacaaatgc tggcttgccc 250
tccacatggc ttactggaca gggtcataac aaatgttacc atcattgttc 300
ttctgtggc ttagtttgg tcaattactg gcagtgaatg tcttcctgga 350
ggaaacctat ttggaattat aatcctattc tattgtgcca tcattggtgg 400
taaacttttgc gggatttata agttacccatc attgcctcca ctgccttctc 450
ttcttggcat gctgcttgca gggttctca tcagaaatat cccagtcatac 500
aacgataatg tgcagatcaa gcacaagtgg tcttccttgc tgagaagcat 550
agccctgtct atcattctgg ctcgtgcggc cgc 583

<210> 486
<211> 454
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 58, 152, 315
<223> unknown base

<400> 486
tgcatcggtt ggtatgtaca atgtttacgc atgtgagtgt gtgtaaagt 50
tgttatnaa gtgtgtgtgt acatctgtgc agctggtcac cagcatgtac 100
cttcacaagt tagattttgc tggcatatcc acgagctgtc accactgtgc 150
cntggcatt gagcttttg aggcttgcgt gtggcctgt cccagggctc 200
tgccatcgatc agtattggcc ccactcacag atgttcttc ctgggttggg 250
ccagctcattt ttggacactt ttgagatcca cctcgggccc gtctgcgttt 300
gcgatgctgc ttttntgtgg ctcctccgg ctactggac tggcccttc 350
tggcattgcc ttcggcagca cttcgaggaa ctcagcctcc agggcctcct 400
gttgccttg aaaatgcagt tttattcat tatttttattt tattttttt 450

tggg 454

<210> 487
<211> 196
<212> DNA
<213> Homo Sapien

<400> 487
ctcaaaatta aagtatcaaa caggggtcct cagaactgtc tcacttcctc 50
ctgctccat caatattaaa gcctaaaaact caagaatcat tcttagcagt 100
tttttctct tttttcttc ttttctttt tttttttt gagacggagt 150
ctcaactctgt cgcccaggct ggagtgcagt ggcgacagag tgagac 196

<210> 488
<211> 226
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 124
<223> unknown base

<400> 488
gtgtgtgagt gtgtgtgtgt ttaatgtacc taattctgta aaggattta 50
agtgattttt tcaaagtgga cccaataaaaa taaaaacaat atgcgtgcat 100
gtgtttata aaagtaataa aacnagttat tctgctttt ctgtcttag 150
ttacttactt acatatttat ttggggggtg tgatgttctt tttaaaagga 200
actcctgtga cacctgttac tccggc 226

<210> 489
<211> 398
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 53, 61, 143, 260, 293
<223> unknown base

<400> 489
gcagctgcct attgcacttg tgaaaaaggt ttgtatgttc aacactgctg 50
ggntggctca nagttggag tgaatcctcc aaggataag ctggagaac 100
tttttgaaca gtcaatctgt aaaggtgtt gcaatccaa ggncaatgga 150
ctagattatg aaggctctcg ggtggaccca ctgttctat ctgtttatta 200
agcttttga aggagagaga tgagggcagg acatgtgaca acggtgctt 250
tccttatgcn tatatcgctc tccaaacagca tccttccaa atntatagcg 300
cttcaaagat tccaggacag atcgggaaga gccagtgtcc atagaaacct 350
ggggttgttc agaagaacgg tgttctctgt gtttgtgacg gtgcctgt 398

M
O
D
E
L
B
Y
S
E
C
R
E
T
D
A
T
A
B
E
S
T

<210> 490
<211> 568
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 52, 63, 87
<223> unknown base

<400> 490
ggtttgtcc ttctgttatga caactacaaa aaagcaagcc agtggggatt 50
cntgtgggc ccntggacct gccaaacatc tccgggngca tgcaaaaagg 100
tctcctactt tcactgcacc ctcatcgat actttgttagg cctgctcact 150
gctactgtgg cgtctcgcat tcaccggcc gcccagcccc cccttctcta 200
tttggtgcca tttactttat tgccactcct cacgatggcc tatttaaagg 250
gcgacactccg gcggatgtgg tctgagcctt tccactccaa gtccagcagc 300
tcccgattcc tggaagtatg atggatcacg tgaaagtga ccagatggcc 350
gtcatagtc ttttctctca actcatggtt tgtttcctct tagagctggc 400
ctggtaactca gaaatgtacc tgtgtttaag gaactgccgt gtgactggat 450
ttggcattga aaggagctc gtttgcagga gagaggtgt ggagccctgt 500
ttggttcctt ctcttcctgc ggatgttagag gtggggcccc ttccaagagg 550
gacaggcctc tccccagc 568

<210> 491
<211> 552
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 36, 42, 74, 92, 168, 177, 232
<223> unknown base

<400> 491
aagactccca aggaagttgt tgaactatat ttgganaaac angccactga 50
atattatcat ttttcctttt aaanagagtt ttgttaagggn gnnaacatgc 100
attttatcc agacaattta tccaaagcat ttcagaacat gaagtgtga 150
tgagggcacc tcttgtgntg agtcccntaa gctatcaagt gttcttctca 200
aggacacatt tggaaggttt taacattgaa antgagcgga ggacttgggg 250
gcagagcagc acaaagaaac agccttacac tggcacatg gaggagacgt 300
ccaccctgca gccaggattg gggttcacgt cactgccaga gctacactcg 350
ccttctgctt ccacggtcct gttaattcta gatcagagag caagaaaaaa 400
gtacagaaca tatcctctac ggttatttcc tgctttctaa ttaaaaaaaat 450

aataaccatg gcaagagaga aagaaagaga aagtacttag aggctgacac 500
tgacatttca cttcctcgct ctcctaagtt taattacaac agcacgtgca 550
gc 552

<210> 492
<211> 579
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 36, 147
<223> unknown base

<400> 492
tgcagcattg gcagcaacaa aaatttctag tttggntgat gatttggag 50
aattcagcct ttttgggaa tattttggtc tagcacctgt tggggagcag 100
gatgactttg cagatttat ggcttcagt aatagctta tttcatntga 150
gcaaaagccg gatgacaaat atgatgccct taaagaggaa gccagtcctg 200
ttcctctaac cagcaacgtg ggcagcacag tgaagggtgg acaaaaactcg 250
actgctgcgt ctaccaagta cgatgtctc agacaacttt ctctggaagg 300
gtctggacta ggtgttgaag acctgaaaga taacactcct tcagaaaaaa 350
gtgatgatga ttttgctgac ttccactcca gtaaattttc ttccataaac 400
tcggacaaat ccctggaga gaaagcagtg gcttcagac acaccaaaga 450
agactctgca tcagtgaagt ccttagatct ccctccatt ggtggcagca 500
gtgttggcaa ggaggactct gaagatgcac tctctgttca gtttgacatg 550
aaattggctg atgtgggagg agcggccgc 579

<210> 493
<211> 574
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 23, 89, 166, 192, 339
<223> unknown base

<400> 493
gccctatcca ggttaccctt ccnaaggaa accaggtttc tttaaaaaat 50
taagcagccc ggggccccgtg ggctcacgct tgtaatccna gcctttgaag 100
cccgaggcgg cggatcacct agaagatgac tcaagaccgg cctctgcttg 150
ccgtgcagga ggcgttaaga agtgctccc cgtggtggag ancagcaggg 200
cctgtgcaga gtgcctgcg ggactgccag cccctcctgt cctccctcag 250
caacctggcg gaacagctgc aggccgcaca gaacctgcgg tttgaggatg 300

tgccggcgct tcgggccttc ccagattaa aagagcggt gaggcgtaag 350
cagctggtgg ctggtgacat cgtcctggac aagctagggg aaaggctagc 400
catcctcctc aaggtgcgag acatggtcag cagccatgtg gagcgagtgt 450
ttcagatcta tgagcaaacac gcagacacag ttggcattga tgctgtcctg 500
cagccttcag cagttagcccc ctctgtggct gacatgttgg aatggttgct 550
ggatatttag agacgggcgg ccgc 574

<210> 494
<211> 545
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 35, 40, 114, 133, 284, 359
<223> unknown base

<400> 494
cagcatgaga catcccccca tgcctggggc cattnagatn tttttggagc 50
accagtcact cccaggtttt tatttttaggg gtcatcgatt ttacctactt 100
tgtcagactg gtanaagttg ctttgcatat canaaaaact ccatttttt 150
ccacaaaagg gattacagaa aactctttt tgagtgagtg attggaactt 200
agagactcct gttgccagaa tcagactgcc cttagaacaga atggacaatg 250
cagggaggag aattcacaca aacagcacct gttntgagggc ctgtgccagc 300
ccaccaggcc tgctcaaatg tggtctttac ttcaagtgc a cagaggcaca 350
tgaggttnt ggtgataaac cagcgtctta ccgctgttt aaagtcccat 400
ccccatggct ttcacaatca gttccgtttt ttttgctgta cttgataaaa 450
tgtttattct catacaggtc aagtacattt acttctattc acagtgagta 500
cccaataaca acaaaaagcgc ttacaaattt gggggggcgc gccgc 545

<210> 495
<211> 239
<212> DNA
<213> Homo Sapien

<400> 495
ttttttaaaa aaaaaaaaaa tctcagata gttctgatta aaatttcctt 50
tctgagtcct aaatgcttta aatcttcttt tcccattctt tttacttctc 100
ctatccatag ttacaagttc ttacgcata catabcttt ggctgataag 150
tttaactgct taagcacctg tttatgttcc attttaaca tagccagtt 200
ctattatgct tggatataca caatgagggg agcggccgc 239

<210> 496
<211> 402

<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 23, 34, 85, 89, 105, 108, 115
<223> unknown base

<400> 496
tgtggaaaaa acagttattg cancggttgc ttanaaaaac ataaaaatgc 50
atccatgggg cttatttatt caggagaaat ctcanagcnc ctgggagtgc 100
tttanagnca ggggntgctt gcaccccttg tggatgtgtg tgtgtgtgtt 150
tgtgcctagg tgtgtgcgca caggtttgtg tgccctgtgtg tgcatgtgtg 200
tggggtgtgt gtgcacgtgt gtatgcacgt acccgtgtgt gtgtgcacag 250
gtgtgtgtgt gtgtgtgttt gtgtgcctgt gtgtgggtg tgtgtgcatg 300
tatgcacgta ccagtgtgtg tgtgcgcagg tgttgcgtg cacaaatatg 350
catctgtgtg tatgtgtgtg tgttcacacg tgtgtgtgtg tgtggcggcc 400
gc 402

<210> 497
<211> 553
<212> DNA
<213> Homo Sapien

<400> 497
cattataatt aactatagtt actatgctgt atatttgate acccagaccc 50
atcttataac tgaaagtttgc tatcccttga tccaaatccc cacatttttc 100
ccagccactg acaaccacca ctttactctg tttctatgag ttcaactgct 150
ttagactcca catgtaagtg agatcataca gtattttct ttctgcactg 200
gcttatttca cttaacataa catcctctag gttcatctat gtttcagcga 250
atggcagaat tttcttcttt ttaaaggctg aatagtgttc cctcaggtat 300
atataccaga tacacataca taaggaaata tgtgtgtgtc tcgggtacat 350
gtacataagg gaatactatt ttttactcat tcatgtatgt gtaccagata 400
catatacata agggaaatata tgtatatgtg tctggcacat atacatgaag 450
gaatgctatt ttttactcat tcatctctca gtggacactt aggttggttt 500
catatcttgg ctattatgaa tagtgctgca ataaatatgg gagtggcggc 550
cgc 553

<210> 498
<211> 576
<212> DNA
<213> Homo Sapien

<220>
<221> unsure

<222> 47, 71, 78, 92, 112
<223> unknown base

<400> 498
ttattggag atatccatgt tttcataaaa atcaacaaga gaatccntga 50
ttgttcagaa gaaaacaatt ntgaccgnag aatgctgtta cntgaacccc 100
ttatbtcgaa gnatcataag attcacaggg gtgttgcat ttggacttt 150
tgctactgac attttgtaa acgccggaca agtggtaact gggacttaa 200
cgccatactt cctgactgtg tgcaagccaa actacaccag tgcagactgc 250
caagcgcacc accagtttat aaacaatggg aacatttcta ctggggacct 300
ggaagtgata gaaaaggctc ggagatcctt tccctccaaa cacgctgctc 350
tgagcattta ctccgcctta tatgccacga tgtatattac aagcacaatc 400
aagacgaaga gcagtcgact gcccaagccg gtgctgtgcc tcggaactct 450
ctgcacagcc ttccctgacag gcctcaaccg ggtctctgag tatcggaacc 500
actgctcgga cgtgattgct ggtttcatcc tgggcactgc agtggccctg 550
tttctggaa tgtgtgtggc ggccgc 576

<210> 499
<211> 330
<212> DNA
<213> Homo Sapien

<400> 499
aaaaaaaaaaa aaaaaaaagct aaaaaacctt gactaaatct accatgtttt 50
ctcatattat taaaaattct aaacgtgggt tttttgttt tgttttgttt 100
ttctgtttct ccctctgcag agttgttagc gttctcgag atgccactct 150
tagggtttgg gatattgaga caggccagtg tttacatgtt ttgatggtc 200
atgttgcagc agtccgctgt gttcaatatg atggcaggag gtttgttagt 250
ggagcatatg attttatggt aaaggtgtgg gatccagaga ctgaaacctg 300
tctacacacg ttgcaggggc aggccggcgc 330

<210> 500
<211> 440
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 42, 79, 82, 101
<223> unknown base

<400> 500
atcaatggcc acccagcaag accaagttac aaggatcgta tnttggtccg 50
aaggatgaa agtggcccaa gggtctccnt tntcggtgaa cgttcagctg 100
ntgcaggacc acggggaaat tgccaagagt aagcatctcc agggggagat 150

gacctaacgt ttccaaaaga gaaacaggca gcaggttctt aagcagtcaa 200
gatgcggacg agatgttgca tgtggctcct gaggcacagc agtgacttcg 250
tgcccagagc ctggcagaga ggtcgaggt gtgccagctt ccctgccagt 300
cagggcagcc ttgggtgtgt gtgcaagcat gtgtgcacat attgtgtgat 350
gtgcgtgctc ctgtatgtgt gtgcataatgt gtgtatgcct tgcacagggtg 400
tgcacaggta tgaatgtgta tacgtggggg gggcggccgc 440

<210> 501
<211> 563
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 31, 48
<223> unknown base

<400> 501
gaatatcctg caggtatctc tccggccac ntccttgcc actgagcncc 50
agccctgatt tgtcatcgta ggtttcgtga ccctcatcat atttaagcgg 100
gagctgcaca cggccccac acagcagtgg gcaccaagta cgggatgccc 150
tccagccatt cccagtttat gtggttcttc tccgtctatt ctttcctttt 200
cctgtattta agaatgcacc aaacaaacaa cgccaggttc ctggacttgc 250
tgtggaggca cgtgctctcc ctgggactcc tcgctgtggc cttccttagtc 300
tcctacagca gggtctaccc gctgtaccac acctggagcc aggtgctcta 350
tggaggcatc gctggaggcc tcatggccat cgcctggttc atttcaccc 400
aggaggtcct caccccgctg ttccccagga tagcagcctg gcctgtctcc 450
gagttttcc taatccgaga cacaaggctc attccaaacg tactctggtt 500
tgagtacacg gtaacccggg cagaagccag gaacagacaa cgcaagctgg 550
ggccagcggc cgc 563

<210> 502
<211> 583
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 81, 126
<223> unknown base

<400> 502
ccctgcccac agttaagtcc aagttttttt ttcagataat gcctgaaatt 50
gcccaagaata gtcagaggat taaaaaattt ntttgcaccac aaatgcacta 100
aagtttaag taaagcagtt tcttcnttca ttagcatgtg ttttacacta 150

acatttaata agaagccatt ttttagtcttg atcttggcag tgaaaaat 200
aagacttctg atgttatcaa gtatttcatt aaatattaaa ttattattaa 250
ttactgttag tttaaatatac attagggtt tcaatttgc ttcttaaat 300
ggactgaact gtggcatcac gtatttgtc tcattcatgt atgaataaag 350
cataaatcag tttgttaatg gatgctcata ccactgtta tttttcaaa 400
tatttaaca cactttccaa atgggtggat ttgcattata aatacagttt 450
tctacttaca catgaggaaa ataatattat ttgcattatg gatgtacact 500
ttgaaaaact tttcaatgca attatctgtt tatttcacaa tctctggcac 550
ttttctcaga tttaattttg gtggggcgcc cgcc 583

<210> 503

<211> 459

<212> DNA

<213> Homo Sapien

<400> 503

aagcctgtgt aaatggatca accaatccca gtacatttgc ttcaagattc 50
aaacacattc aggtgggggc ttgggacggg atcagcattc atcatggga 100
agaaaaccac aggccatcag tggatcatac acagtgccta tcaagaaaga 150
taacgttact tttaaattgt gggctcaaac tggacagcaa ggtgcacagt 200
ggaagagagc agaagtgttt ttaggcattc gttcacatac acagattgtc 250
ttcagagcca aacgtggat cagttacata ggagatgttag cagttggatga 300
tatttccttc caagattgtt ccccttgct tagcccagag agaaagtgtt 350
ctgctcatga attcatgtgt gctaataagc actgcgttgc caaagacaag 400
ctgtgtgatt ttgtgaatga ttgtgctgat aattcagatg agactacttt 450
catttgccg 459

<210> 504

<211> 218

<212> DNA

<213> Homo Sapien

<400> 504

aaaaaaaaaaaa aaaaaaaaaaa acctgccaat tttcaaacat accgttagaga 50
ttattttcag gtgccatttt atagtatagc agcagggttt ttactctgtt 100
tatgcacaga tgcagttctgg ggcattgttt gtgtgcttgc ctttctcatg 150
gccatcatca gtatgcttat ggatttgcgtt acaggcatag cctgggcata 200
tcacaccttattt ggtttttttt 218

<210> 505

<211> 562

<212> DNA

DRAFT

<213> Homo Sapien

<220>

<221> unsure

<222> 60, 88

<223> unknown base

<400> 505

tttaagtgc aaaaattatt ttatTTTTT cccagtaatt ttaaatttgg 50
attccagccn tggcttattt ttgggagacc cagccatnta ccaaagctga 100
aggcacaaat gcttatttctc gtcactgtcc ttttatgtc agcattcaga 150
gttactggct gtcatttttc atggatgtat tttatttgta gctttcataa 200
cctgttggaa gaagttacta ctttggacag gctatcagga taacttccta 250
tatgaatgaa actctcttat attttccctt ttcattcccac tccagttata 300
ctgtgagatc taaaaaaata ttcttatcca agtcattgt ctgtttctc 350
agtacctgggt taccatttgt actacttcag gtaatcattg ttttacttaa 400
agttcagatt ccagcatata ttgagatgaa tattccctgg ttatactttg 450
tcaatagttt tctcattgtc acagtgtatt ggTTTAAATTG tcacaagctt 500
aatttaaaag acattggatt acctttggat ccatttgcactt ggtttttttt 550
ctgcttcatt cc 562

<210> 506

<211> 485

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 49, 77, 124, 166, 225, 259

<223> unknown base

<400> 506

tttttttttg acacgagaca taaaaacttt taatgaagga ggacacagnt 50
cagagccttc cacaatgggg ccaaccntgc cccacggaga cggccatgg 100
caaccgctca atcagaaggt gtttttgatg cggccggcca ccagcctaag 150
gatgtccccg atcttnttct gccagttggc gatgtccttg gacacggcgc 200
accacagctc cccatgccga ggctntgcac tctcacagcg cttcctcacc 250
tcctcctgnt gtcctcagt gccatgtgc agctcaaact tgtagaagaa 300
ggcccaggca tccccaggat ccgagtcaat cttcacagtg cggtggaacc 350
actccctggc cttgggtgatc ttccgctgac tccaaaacag cttggccacg 400
gccaggagca catgggggtc atgctcacac ttcttcaggg catccacgct 450
cttggtcctc ctctggggcc ttgcctcgag gaaga 485

<210> 507

<211> 503
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 47, 63
<223> unknown base

<400> 507
accctgtttt ttaagcacac ctcaagcggg gcctcgctta ccaatanttg 50
attaaaccaca agnaaaaagtg tcaagctcaa gacgtcctcc ttactgtt 100
tgtaaaaactg tcctgaaaac tatgatcgac gttccggaat tagaaggacg 150
tggggcaatg aaaattatgt tcggtctcag ctgaatgccaa acatcaaaac 200
tctgttgcc ttaggaactc ctaatccact ggagggagaa gaactacaaa 250
gaaaaactggc ttggaaagat caaaggtaca atgatataat tcagcaagac 300
tttgttgatt ctttctacaa tcttactctg aaattactta tgcatgttc 350
ttgggcaaat acctattgtc cacatgccaa atttcttatg actgtgtatg 400
atgacatatt tattcacatg ccaaacttgc ttgagtacct tcaaagtta 450
gaacaaattg gtgttcaaga ctttggatt ggtcggttc atcggtgc 500
ccc 503

<210> 508
<211> 564
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 73, 80, 145, 342
<223> unknown base

<400> 508
tcgaccacg ggtccggta aagttgatgg tctgccttgtt acatctcaac 50
cattcttgccttccacttataatc ctnttttgn caacactagt agaacagaat 100
cctgaagata tggagaccta taccttagatg ttgctgaagc tttntggat 150
gttggtaat ataattctgc acttcccttc ctcagtgttc tttgttgct 200
ctgaaagata caacccatgcgtt gtagttggc ttcgtcatgc agaatgttta 250
aaggccttag gctatatgga gcgagctgct gaaagctatg gcaagggtggt 300
tgatctggcc ccactccatt tggatgcaag gatttcactt tntacccttc 350
agcagcagct gggccagcct gagaaagctc tgaaagctct ggaaccaatg 400
tatgatccag atactttagc acaggatgca aatgctgcac agcaggaact 450
gaagttattg cttcatcggtt ctactctgtt gtttcacaa ggcaaaatgt 500
atggttatgt ggataacctta cttactatgt tagccatgct tttaaaggta 550

gcaatgaatc gagc 564

<210> 509
<211> 525
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 49, 54, 110, 162, 221, 263, 275, 292
<223> unknown base

<400> 509
acagtatggc cattcatgct ccaaagaaaa ggagatttag cttaaatna 50
aatntctcac aagtttagtg atccaggtt tgggtcttt gcaacccttg 100
tggtcattgn gcccttgata ttaatctcg ggggggtcct cgccatggac 150
agacaaaacat tnttgtgaca taacaatctg ctctgtatac ggggcgttt 200
cagtctcctg tgtgaaggc ntggcattg ctatcaagga gctgtttgca 250
ggaaaggcctg tgntgcggca tcccntggtt ggattctgtt gntgagcctc 300
atcgctctgtg tgagcacaca gattaattac ctaaataggg ccctggatat 350
attcaacact tccattgtga ctccaatata ttatgtattc tttacaacat 400
cagtttaac ttgtttagt attctttta aggagtgca agatatgcct 450
gttgacgatg tcattggta tttgagtgcc ttctttacaa tcattgtggg 500
gatattcttg ttgcattgcct ttaaa 525

<210> 510
<211> 565
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 46, 79, 104
<223> unknown base

<400> 510
ttgcttgtta agctaacagg ggtgcaagct tccattttgg atctanttt 50
aaatacactc agacaggaga aatttgant aattttcaaa ctacagacac 100
tttnaatca tgatgcattt caaaagtggc ctcgaattaa cttgagttgc 150
aaaacatgac agtgcccgag gatgataaca ttagcaatga ctccaatgat 200
ttcaccgaag tagaaaatgg tcagataat agcaagttt tttctgatcg 250
tgaaagttaga agaagtctca caaacagcca tttggaaaaa aagaagtgtg 300
atgagtatat tccaggtcca acctcccttag gcatgtctgt ttttaaccta 350
agcaacgcca ttatggcag tgggattttg ggactcgact ttgccctggc 400
aaacactgga atcctacttt ttctgtact tttgacttca gtgacattgc 450

tgtctatata ttcaataaac ctcctattga tctgttcaa agaaacagggc 500
tgcatggtgt atgaaaagct ggggaaacaa gtcttggca ccacaggaa 550
gttcgtaatc tttgg 565

<210> 511
<211> 558
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 83, 114
<223> unknown base

<400> 511
agtgggcttg aacttcgtga gtttcgttt aaactgccct tgaaatgaag 50
tggacttgga ggggcatgga atattcacat ggnagagccg catgaggccg 100
cccaccacgc ttcntgaagg atgcccgtgg gaagaatttt gacgtgccag 150
tgtcctcggtt ctacagggtg ttccattctt ccgcaatctc agaaaaatgg 200
gactaaaaga aacttatttt gtaaaataag aagacttcca ttttaatga 250
ccaacatgta ttaagatgga cacctactct acgaaacacg aagttctatg 300
gtctcgaaga agcccggtgcc tgtttggaaac tgatcctaac taaaaacaga 350
cttgagtgga tatgagaatg ttggtagtg gcagaagagt caaaaaatgg 400
cagtttaatta ttcaaggattt tgctacttgt tttagcga gcctcatgtt 450
tttttggaa ccaatcgata atcacattgt gagccatatg aagtcatatt 500
cttacagata cctcataaat agctatgact ttgtgaatga taccctgtct 550
cttaagca 558

<210> 512
<211> 544
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 53, 63, 78, 111, 150
<223> unknown base

<400> 512
tccggaacaa ttataataaa gccanctta acccattgag agcataagga 50
tgntgcaaag gcncagtgt gatatgganag gacagtgcct gggcagtc 100
tggaagactt nttaggagg tgactttta aggggtttg tgatcaaaan 150
tatggagtct taagtccaac cagtggttat gaattccggc tctgccactt 200
gctataatag ctgtatcacc atgagcgata acttaacctc tttgtgcctc 250
agtttcttca tatataaaat gggatcatg atagcttgt cccaggggag 300

ttaggaggat taaatgcaac agtaatccaa cccacagtat gaaaagacag 350
gctagcacat acaacacaat ctataaatgt ttgctattat tgtcatcctt 400
tttatttagta tatcatggta caagttgct gggtagaaag atggcgatgg 450
ggaaggggac atttcaggcc aatgtgataa taaaatcaac agacaaaaga 500
agggagagtg tggtgagtag gataaagctc tgtacagatg caag 544

<210> 513
<211> 118
<212> DNA
<213> Homo Sapien

<400> 513
attnaacttt cccctttaaa aggaattggc tatagaactg ctttgtaaag 50
atgcttccttg atatttact tttgttcctt ttccctaatac attccctttt 100
ttccccactc ctccagaa 118

<210> 514
<211> 557
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 34, 56, 60, 82, 85, 115, 122, 152, 185, 187
<223> unknown base

<400> 514
tcccgtgggg gacttgggat cccagacgtt aaantaggag ccggaaagag 50
ggaggnnttn ttcttgccctg gaagttgcct gngtntttgt accacccag 100
ccccccacc gtggngggac cntcggcagt gacggccac agtgcacagt 150
gntcccagaa cccagaggga aagcatcactg gttcntngtt gacagctccc 200
agtcacacaa tccccacgtg tcctgtcatt tcctaaacaa ggtttcatca 250
ccagatttag acccacactgc ttttctctct tttctgcttc ttccagagat 300
tttttagtg tcttcatttc actggttacc acttctatca tgtttctggc 350
cctttctta ttctccttag cctcatgttc tgtggtatcc agttctgact 400
tgacagacat gagcttttc tcagcttct cttcatctt ctccagttgg 450
tctctggatt tgtttagatc ttcaatggct ttagtctgtt ccaaagttt 500
aatcttcagt tcattggtgt cggccagttt ggcttgagc tcgggttgca 550
agtctcg 557

<210> 515
<211> 348
<212> DNA
<213> Homo Sapien

<220>

<221> unsure
<222> 37, 72, 182
<223> unknown base

<400> 515
tcagccttgc tatggaaaca actttgagga tgagccncct ttattaaaaaa 50
agtttaggtat caattttgac cncatctggc aaaaaaacact aacagtatta 100
catccgttaa aagtagcaga tggcagcatc atgaatgaaa ctgatttggc 150
aggtccaatg gtttttgcc ttgctttgg anccacattg ctactggctg 200
gcaaaatcca gtttggttat gtatacggga tcagtcaat tggatgtcta 250
ggaatgtttt gtttattaaa cttaatgagt atgacaggtg tttcatttgg 300
ttgtgtggca agtgccttg gatattgtct tctgccatg gggccgc 348

<210> 516
<211> 428
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 86, 307
<223> unknown base

<400> 516
ttcatggag gacatggaga tcatggaaag catatctatg actataacct 50
aaagctgaag ccgtgtgatg gcccagtctt gattantgag ccagcgctga 100
acccactggc caaccggcaa cagatcacgg aaatgtttt tgagcatctg 150
ggtgttcctg ctttctatat gtccatccag gctgtgctgg ctctcttgc 200
tgctggcttc actactggcc ttgtgctgaa ttcaggct 400
agagtgtgcc catcttgag gtttactgtc tgcctcatgg tgtgcagcaa 300
ctggatntgg caggcattga cctcaccaac tacctcatgg tgctaattgaa 350
gaaccatggc atcatgttgc tcagtgccttc agacagaaag attgttgaag 400
acatcaagga gagctttgt tatgtggc 428

<210> 517
<211> 393
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 155, 159, 191, 255, 297
<223> unknown base

<400> 517
atatgtgaaa tattggcagt cgaacatgaa caacggtaa gatgttccag 50
gcacataaga ggcgattaga gaggccaggt ttatacacaata tataccattt 100
tctgttagtcc ctattgtcat ggttaaatta ttctctaagt gtattctggg 150

tgcanagang catgggtct gtcagttct gggaaactt ntgcacccta 200
taaacacaat attttcttt gtttccacac attcaccatt ttgctggcac 250
cttntgaag tagtgggtc ccggtatcag ccttgcaat atgttanaga 300
tgtactgtct gccgcatttt gcactggtt tcttttca tttatgatta 350
ataatgtgta tacgttattc ctttttatta tctactgtgt aag 393

<210> 518
<211> 245
<212> DNA
<213> Homo Sapien

<400> 518
ccccccgcac cgattttca aaaaataatt tttctaatta agatatgtgt 50
atatgttta acatcttca gaaacataaa attgaatgaa aagagtaatt 100
tgcagaaaca catgcaatat aatttattgt gcattttaa acacacaaag 150
caggactaca tgatgttcat gtgtgcgtgt gtatatatat atatatttaa 200
acacacagac aggccggca tgatggctca cgcctgtaat cccag 245

<210> 519
<211> 585
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 48, 54, 66, 128
<223> unknown base

<400> 519
gaccactggc ccaccggcca aggattgcct agatgataat ttacaagnac 50
cacnacttta gattnccctt attgatgtta agataccaaa ccaagtaagt 100
attaaaaatca gccaaacctt ggacattntg ggaatataata atcatttgat 150
aatgcataag aataggaaaa aattgaatgt gtttatgact aaagtttat 200
atttgtggta atgttaaat gtattattaa atatgttaaa attatttcat 250
tttttcccc tttgagaggt aaagcctaacttctcccc ttgaatatgg 300
gctagactta tgagcacatt tctaattgaac agagaaagtg gatgtggatg 350
tgacaatgtg tatgtggaa gactagacaa tatcagagat gaacatgatg 400
gtgaaagaaa ataaaagaag aaagctagtt aataaaaggc accattttt 450
cctcctcttc ctccctcc acctctttaa ctctctcc ctctctcga 500
tcaacagctc tagcaaaagc cagatgctat gcggtgcgga ctttcaggca 550
gcttgcagg gagatacatg tggcaaggaa ctgac 585

<210> 520
<211> 474

<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 68-69, 214
<223> unknown base

<400> 520
tggctttag ccccatccaa ataacagcgg ggaggagcgg agcctgtggt 50
acgcaaccca ttaccccnnt gatgagagaa aacttttatac catgaccagg 100
gatgactaca aaccatctga tggcctgttg gtgactgtga acggcaaccc 150
cgtggattac cacaccatcc acccaaggct gcccatggag aacggccctg 200
gcaaagccga cctntactcc acccctcagt accggtgga gccctctgat 250
gaatcctcag aaaagcgaga ggaggaagag gaagagaaag aagaatttga 300
agaagaaagg agccgtgagg aaaaaagaag tatcaaagtt catgccatgg 350
tctccgtatt ccaatttatt atgaaacaaa gttacatctg tgccctcata 400
gctatgatgg cctggagcat cacctatcac agctggctga cttcgctgct 450
gctgatctgg tcgtgcactc tttg 474

<210> 521
<211> 626
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 63, 116, 126, 148, 180, 193, 213, 222, 262
<223> unknown base

<400> 521
gaatttttc gaaaagctaa tgccccattt tggatgtcat ttaccattca 50
ccttttaata ttngggggca ttttggatc aaattatcct gattttttc 100
aacaaagact tgagaaaaaa taaggngcat tactttttt ggacattttt 150
cttttagacc tattgtgagg ttttgcccn ccattagaaa ttnccccaaa 200
tggttgaaaa ttnttaaaca gnagaaggaa gagactcaaa gttagcatca 250
caaagagaaa cncgatgctg gaaagggaga ttgcattctc aatccggat 300
aatttcatgc agcagaaggc tttcaagtac atgtcagtga ttcaggctt 350
tctcggttct gttccacaat taatttgca gatgtatatac agtctcacta 400
tacgagaatg gccttgaat agacattgc tcatgacatt ttccctgtta 450
tcagttactt atggggccat tcgctgcaat atactggcca tccagatcag 500
caatgatgat actaccatta agctaccgcc gatagaattc ttctgtgtcg 550
tcatgtggcg tttttggag gttatctcac gtgttagtgac tctggcattt 600

ttcattgcat ctctgaaact gaagag 626
<210> 522
<211> 566
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 42-43, 100, 103, 116, 142, 216-217, 227, 233
<223> unknown base

<400> 522
aaatgttttg acaaattcaca agaaagtttc aaaaatttgg gnntatttagt 50
ttgaaaaatt gtttcagtt cacttgtat ttcttgtta attcactgc 100
ganaggattc ttttanactt tccaggatc taaagctat cntacctagg 150
aatgagaatt atgggttcc atgacaactt tgaataagta ttccctaaag 200
ctaagaggaa attctnncaa taatgantcg ggncattgtc attttggaa 250
agtaaaagcg gaaaaagctt gacgacactg aaaggcttgc tgagatggaa 300
caagtccctt cttcacttaa caagatgaga aagacaatag gtgggtggc 350
tctctggcga cagcaaattct gcgcattgc aagggttcgc ttgttaaagt 400
taaagcatga aagaaaagct ctttagcac tgctattaat tctaattggct 450
ggattttgcc ctcttcttgt ggagtatacc atggtaaaaa tatatcaaaa 500
cagttacacc tggaaacttt ctcctcattt gtatttcctt gctcctggac 550
aacaaccaca tgaccc 566

<210> 523
<211> 503
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 25, 67
<223> unknown base

<400> 523
ccttattgtat gttaagaaac caaancaagg tatgattaaa aatcagccaa 50
acctttggac attctgngaa tatataaattc atttgataat gcataagata 100
ggaaaaattt gaaatgtgtt atgactaaag ttttatattt gtggtaatgt 150
taaaatgtat tattaaatat gttaaaatta tttcattttt ttcccccttg 200
agaggtaaag cctaataactt ctccccttga atatggctt gacttatgag 250
cacatttcta atgaacagag aaagtggatg tggatgtgac aatgtgtatg 300
ttggaagact agacaataatc agagatgaac atgatggta aagaaaataa 350
aagaagaaag ctagttaata aaaggcacca ttgtttcctc ctcttcctcc 400

tcctccacct cttaactct ctccctct ctctgatcaa cagctctagc 450
aaaaggcagc tgctatgcgg tgcggacttt caggcagctt tgcagggaga 500
tac 503

<210> 524
<211> 447
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 39, 43, 96, 344, 418
<223> unknown base

<400> 524
gaggtagga tccgcaagcc ccttcgcga agcccgagng agncccgggc 50
gacaggcagg cagagaatat gttattccca tcctttggcc cacaanattt 100
atggcagaga tggtggtt ctattattctc ttctttataa aagcaaccat 150
tgtcttaagc attatgcacc tcagtggat aaaggatatc tctaagttg 200
ctatgcatta tataatagaa gaaatagatg aagacacatc aatggaagac 250
ttgcagaaaa ttaggttgtt ggcacttata tacagattat tagttgttt 300
ctatgagata atttgcattt ggggagcagg tggagctacc ccanggaagt 350
tcctgctggg gcttcgagtt gtgacatgtg atacatcagt gcttattgca 400
ccaagtcggg ttttagtnat tccttcctca aatgttagca ttacaac 447

<210> 525
<211> 539
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 105
<223> unknown base

<400> 525
caagataaaa tatatgggg aagatgtaga aatgtgacag tttggcaaaa 50
acaaagttct cccaaagattt cagcacgttt gcagcggaaa ttcagggaaac 100
catcncagca ctcagagagc agataaacaa gctggaggca cgccctgagggc 150
aggcagggtg tacagatgtt agaggggttc caaggaaggc cgaggagcgc 200
tggatgaaag aagactgcac tcactgcatt tgtgagagtg gccaggtcac 250
ctgtgtggtg gagatttgtc cccccggctcc ctgtcccagt cctgaattgg 300
tgaaaggaac ctgctgtcca gtttgcagag accgaggaat gccaaagtgtat 350
tccccagaga agcgctaata aaagtttgtt gctgttgagc cccaaatggg 400
aaatttctca ggaagagaca ttttaggactt cagaactttt aacttgtagt 450

cacattgttg atatggaaac cactgactta agcaacttag ttcatcta 500
cttacatata cttacgatct tttatTTT cattttcta 539

<210> 526
<211> 456
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 21, 109
<223> unknown base

<400> 526
gaagtgagga gaaagtttat nttttcata taatttaagg gtcgtttctg 50
tgaaccattg cttcatgtct tttcacTTT tttcaattgt ctcattttcc 100
tcaaaatana ggcactgttt atgtattaca gagattaggc ctttgcatt 150
agtctttcc tgtgaacgag atcacataga ttatttgcTTT ctTTTctggc 200
ttttgaattt cagccatcat ttAAAAAAAT acttccccat ggTTTTGTC 250
cagttctttt gtaacttctt gttctccatt tcaatattgg atgtttggct 300
tttgcTTccTT tgCGTgtttg gtatgcgata tggatcccc ttagtctttt 350
tgtcttagcat caatatattt attttatac tgcTTccAG attgatgatg 400
atttccagag ttcttggggc ttAAAtgcct gttgcgttA cagactctca 450
tccggg 456

<210> 527
<211> 500
<212> DNA
<213> Homo Sapien

<400> 527
cttgcgtttt cttccctcc ctaaatttga agaactatgg agaaaatgg 50
acttgcgttac agtagtggtt ttaataggac taacagtacg atggcagtgt 100
ctcttaattc ttattcaggT gctggtaacc cgcctatgtt tggtgattat 150
gaagctcaga gacactggca agaaataact ttAAAttac cggtaaaaca 200
atggTattttt aacagcagtG ataacaattt acagtattgg ggattggatt 250
acccacctct tacagcttat catagtctcc tatgtgcata tggcaaaag 300
tttataaaatc cagactggat tgctctccat acatcacgtg gatatgagag 350
tcaggcacat aagctcttca tgCGTacaac agttttaaatt gctgatctgc 400
tgatttacat acctgcagtG gttttgtact gttgttgctt aaaagaaaatc 450
tcaactaaga aaaagattgc taatgcatta tgcatttgc tggatccagg 500

<210> 528
<211> 512
<212> DNA

<213> Homo Sapien

<400> 528
ccagaatgaa aaaaaaaaaagt cttgttggat aatagtgtt gactagcggt 50
ttaagaacctt gagagtaaaaa gcaccaataa gatttttca cttttcctg 100
cttccacccc caaactgaga acatccactc aattgttgg aagaaactgt 150
aggctatat aatatttatt tataatgtat gtgtaatata cataatcata 200
atacagttct cagatgcagg gaagaagttt ggcatttaat cattgaggct 250
ttaggtttt gatgtgatca gactggcca tgtcaaacc ggaattttca 300
ccaacagttc actcacccctc ctggtaacatt gccattccaa ggaattctga 350
gagtaggcaa acaaattttg cttcatggt acagttctca gttttctta 400
taggagaaat atggtatatg tttataagaa tcttttatga gattatagat 450
ttcaatgctg tggatagtgt ctggcacccca aacaagaaaag tccataatgg 500
aatgatcttc cc 512

<210> 529

<211> 479

<212> DNA

<213> Homo Sapien

<220>
<221> unsure
<222> 82, 196
<223> unknown base

<400> 529
tccaagtccct tgaacatctt tggtttttt ggagtgtcca aacccatgtt 50
cagaaacggc acatggaata ctcatgtaat gnagaaaaag tctatatctg 100
cagctggacc cagccataacc aggagtgatt ttggaaatcc ataccgttt 150
gggattgatc cgatttgaa cttggcttca aacaaactca cattntgaa 200
ctcgtataaa atgaagatgt cggtgatccct gggattgtc cagatggttt 250
ttgggtgtcat cctcagccctt ttcaatcaca tatacttcag aagaactctc 300
aacatcattc tgcaatttat ccctgagatg attttatcc tgggtctgtt 350
tggataacctg gtttcatga tcatttcaa atggtgctgc tttgacgtcc 400
acgtatctca gcacgcccc agcatcctca tccacttcattt caacatgtt 450
ctgtttaact acagtgactc ttccaaacgc 479

<210> 530

<211> 513

<212> DNA

<213> Homo Sapien

<220>
<221> unsure
<222> 56, 68, 72, 83, 149

<223> unknown base

<400> 530
gccttagtt tccagctact tggaaggta aggtaaaagg atcccttgg 50
gcccgnaggt tgaggctnca gnagttgaga tcncaccatt gcattccatt 100
ttgggtgaca caagcgagag ctatctcaa accaaaaaagc aagccaaanc 150
ccacccagac caaaaaggtg acttccaggg ctgccccagc taggaacact 200
ccagaaagca gacaaggaaa accgagtgtg aagagtccct ttggagattg 250
tcatggccat gtgacattcc tttggcctga actcagtcac atgtcccctt 300
cgagatgcag gggggacctg ggaaatgttag tttctggctg ggcagctgct 350
ttccagcaat agcactctac tgcagaagag gagcaggagt ctgtggtgca 400
aagccagcca ggcctgccac agatactgca ccatttacaa aaatgctttt 450
acactcattt catttgcattc tcattcacaat ctataccatc agctatactg 500
tcctcatttt tca 513

<210> 531
<211> 513
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 35, 53, 454, 461, 482
<223> unknown base

<400> 531
gaatggagga aattgcttcc acttcaagac tttcnntttt tcactaaaac 50
ttntaaaggt gtacaaggggg agggaaaggggg ggcaaagtcc ttgaacattt 100
tctttggctc ggccatgtta tgatcatata ccttttaaat aaggggaaat 150
agtatctta aagttaatgt ctagccaaga gtttagtaaa cgaagaatta 200
aactgcactg ttgatcggtg ctttgttaa atacatctt aacatttggg 250
tggagagggg ccttaagaag gacagttcat tgttagaaag caattctgta 300
catgagttta agcattcttgc ttgcattgtc tctgcagatt ctatTTTGT 350
ttacaatatt aaaatgtatg ttagcaaaat gggtgattt tcaaataaaa 400
tgcagcttcc acaaaagttt tgtaggtt ttctggctg agatgcattt 450
tcantttcc nttctctttt tattatcaat antgtcattt ttccctaata 500
aaatataaccc agg 513

<210> 532
<211> 484
<212> DNA
<213> Homo Sapien

<220>

<221> unsure
<222> 35
<223> unknown base

<400> 532
gctgtcctga gcagttgcag aagcatcgag ggtgnagagg agcacatact 50
gtccatggag tggtggtcaa ggtggacagg gggcgggtgg tgatggcgca 100
gtttgacatt gaataccagc gcctagaggg ctcctatagt gattcacccc 150
caggggagga ggacctgttgcgtc ccgaggggag caagtacact 200
tggcaccata ttgaaaacct tgaccttttc ttctctcgag tttataatct 250
gcaccagaag aatggcttca catgtatgct catcgggag atctttgagc 300
tcatgcagtt cctctttgttgcgtc ctaccttctt ggtcagctgc 350
gtggactatg acatcctatt tgccaacaag atggtaacc acagtcttca 400
ccctactgaa cccgtcaagg tcactctgcc agacgcctt ttgcctgctc 450
aagtctgttag tgccaggatt caggaaaatg gctc 484

<210> 533
<211> 558
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 93
<223> unknown base

<400> 533
gggtaagtat attcagtgcg ggtaaagact gaatgaatgg gtaccatcaa 50
attggtaaaa tgaagatggg ttttggctca ggaacacaaa gtnttatttt 100
atcctgtgcc aaacactcca gtttgcaat gagattgtga ggaaggagaa 150
ggcaaggatt ctgttccaat gtttggccc agaggaccta gaatagtact 200
ttgaccgggt aagcgcttaa taaaataatg cttactctta tgaatttagc 250
tgcagaaaca tttagtccc tagacaatat gtgtagaatg taaaaaatgc 300
aaatcttact aaaagaatat acagggaaag ttctccctac tccttcctga 350
aagggagcca gtgttattag ctcgtcatgg agattgtctg tgctcatgca 400
agcatctccc tgcgttatg tccttttgct ttctgtcaaa gaatagcatc 450
ctacacacac ctttagccc cttgttttc ggtttgtgt atttgcaga 500
ttgggtcatt ttgtgcacac agtgcattt tattttttttt tttgtttgtt 550
tccccctg 558

<210> 534
<211> 462
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 55, 91, 156, 193, 215, 281, 395, 399, 444
<223> unknown base

<400> 534
atcatagtgt tttcaaactc cccgtgtaaa agttccaaa atcccatgtc 50
acagntgagt cttggtttg ttgattggtt tgtctcttga nagtgtgtta 100
tttttgcgtt cattatgtgt ctcataattt ttgggtgaaa gctaaaggct 150
tcttgngaaag gctagtggag acttggtaa acactattt tgngcaaaaa 200
tggacatgcc ttttntttaa ggaggaggca ttgagacaac tctgtcaggt 250
tttgttgcgtt gtatggttac tctcaaaaag nacataattc aaattcttcc 300
agtattattt ttttgcttag tggctggttt gttggagagt ttttctcagt 350
gtctgttcaa atcacagttt ttggctttt ctttgtgcct acgtntaana 400
gaggatatct ttctgtgcct ttaccctcac tcttccagca gtanactgct 450
gttacttggtt cc 462

<210> 535
<211> 511
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 94, 110, 156
<223> unknown base

<400> 535
ctgcccattt ttttgctttt acctggcaag tgttaaaaaa aggccctcaa 50
gaaaagggt ttgtgttgct agttaagcta gcttgtattt tggnggcttc 100
cttcgttttgcgttgc cattcttac agaaaggac caaccctgc 150
aggttntaag aagactcttc ccggttgatc gtggatttt tgaggataaa 200
gtagccaata tttgggtgcag cttcaatgtc tttctgaaga ttaaggat 250
tttgccacgt cacatccaat taataatgag ctttgtttt acgtttttga 300
gcctgcttcc tgcgtgcata aaattaatac ttcagccctc ttccaaagga 350
ttcaaaattta cactggtag ctgtgcgtca tcattcttt tattttcttt 400
ccaagtacat gaaaaatcca ttctcttgcgtt gtcactacca gtctgcttag 450
ttttaagtga aattcctttt atgtctactt ggttttact tttgtcaaca 500
tttagtatgc t 511

<210> 536
<211> 511
<212> DNA
<213> Homo Sapien

<400> 536
ggtttgttc cccatctgcc atattataag tttttgagg catccccagc 50
catgctgaac tggaagtggc actaaggccc aaaggaagct acatatgggt 100
ggtcctgtt acaccagcct cccaagcctc ccagtgcacc ttcttaggaga 150
caagcaagga aggccgctgc ttgttgtca tcctgctcat ggccgtgtac 200
tggtgcacgg aggccctgcc gctctcagtgc acggcgctgc tgcccatcgt 250
cctcttcccc ttcatggca tcttgcctc caacaaggc 300
acttcctcga caccaacttc ctcttcctca gtgggctgat catggccagc 350
gccattgagg agtggAACCT gcaccggcga atgcgcctca agatcctgat 400
gcttgttggc gtccagccgg ccaggctcat cctggggatg atggtgacca 450
cctcgttctt gtccatgtgg ctgagcaaca ccgcctccac tgccatgatg 500
cttcccattg c 511

<210> 537
<211> 441
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 51, 70, 105, 134
<223> unknown base

<400> 537
ttggcctaatttaagtgata taaaaaatga aatttttat goagtgtggg 50
ngaggggcaa aaaaaaatan atttgaacac ccagattta gtttggctc 100
tgtgnntgca gctagttaca tggcatccag gacnaaagtt tgaaaacaa 150
aataatggaa ctaaatagta ctaaccaaag tatagggtgc tttatgattt 200
acagaactct cttacaggca gtagttgtt caggcgccac tagaaccac 250
gtaatggcag aggcttcctg ttccatgttt aaaaacctt ccaaggctt 300
tcattatttt cttatctgtg gtaccctag cttcctgtgc tctagacaca 350
ctggcctacc ttcaacttcc ttgaccagtg tagttacag tgtaagctt 400
ccccacacccc ccacccctg caataaaata gtagcatcgg c 441

<210> 538
<211> 497
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 56, 76, 126, 175
<223> unknown base

<400> 538

ggtaatggc aattaaaatt ttttcgggc tggattttaa aaatttat 50
taaggnattg aagttccctt tctccnttag gtttaacagt gaattcacat 100
gagtaatttt taaaagatat cagatncatt ttgctattca aagaaaatta 150
tgatttaaag ccactttta aaatncgaga aggaaaatag gatggattaa 200
agggttaact tttaaagatt attattggtt aatgttgaca tatttcctct 250
atctcataga tggtaaaagt gttgctttta aaaactggca aatgcactct 300
tcagaaatcc ttttctatct gatccacatg gagaggttaa aggttcaatt 350
tcatgacctc tatgcaggca gcgcctcat tggatgtaag aatattacct 400
gcaaggatag aatgcagttg tgcaacagag acacattctt atttcacttt 450
tttcacaatt ttgtttgtt ttaatgacc cttttattga atattgg 497

<210> 539
<211> 362
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 42, 106, 132, 134, 184, 199, 208, 240, 250, 253, 256, 268, 307,
318, 355
<223> unknown base

<400> 539
aaagggtccg gtccccggcc gaaaccactt ttgatcttc cncctttggg 50
ctcaaaaaat gtacagggtt tccagggcag ccttgggatt gggccacttc 100
ctttangatc ctggttcttc ccgttgtctt tnanacggag aagttgcaaa 150
tggagcaaca gcagcaattg cagcagcggc aganacttt aggccataana 200
cagggctntc aggaggaatg ccaggggctt taccctcacn tcctggaaan 250
atntanattg ttattgcngt ttgagctgtc tcagtggat aagtttgaaa 300
ttcaangtt tgaactgntg aaaattggaa tttttttttt aactttggca 350
gcaanggtt cg 362

<210> 540
<211> 441
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 42, 44, 47, 67, 341
<223> unknown base

<400> 540
ggtttgcttt ggggtgttt ttgaaatatt ttgtgactgc gncntcntag 50
ggtcactggc attttgnnta gctataaatt ataaacagat ggaactttac 100
cacgccttgc catttttttgc cttttactt ggcaagtgtt ttaaaaaagg 150

ggacttcaac ccgagtaaat tcctcatcta tgcctgtctg ctgcttg 100
tctgtgtgc tggcccttcg tttggatggc atcatacagt ggagttactg 150
ggctgtctt gctccaatat ggctgtggaa gttaatggc attgttggag 200
cctcagttgg aactggagtc tgggcacgaa atcctcaata tcgagcagaa 250
ggagaaaacgt gtgtggagtt taaagccatg ttgattgcag tggcatcca 300
cttgctcttg ttgatgtttg aagttctggt ctgtgacaga atcgagagag 350
gaagccattt ctggctcctg gtcttcatgc cgctgttctt tgtttc 396

<210> 544

<211> 351

<212> DNA

<213> Homo Sapien

<400> 544

ttaatgtcta agccaagagt ttagtaaaca aagaattaaa ctgcactgtt 50
gatcggtgct ttgtgtaaat acatctttaa catttgggtg gagaggggcc 100
ttaagaagga cagttcattt taggaaagca attctgtaca tgagttaag 150
cattcttgc ttgtgtttt gcattgtctc tgcagattct atttttgttt acaatattaa 200
aatgtatgtt agcaaaatgg gtggattttc aaataaaatg cagttccac 250
aaaagtttg ttatggatt ctggtctgag atgcattttc attttcctt 300
tctctttta ttatcaatat tgtcattttt ccctaataaa atataccag 350
g 351

<210> 545

<211> 398

<212> DNA

<213> Homo Sapien

<220>

<221> unsure

<222> 298, 323

<223> unknown base

<400> 545

agtttcatat atttggaaat gagccttgag ccataaaagg ttttcagcaa 50
gttgtaactt atttggcct aaaaatgagg ttttttgga aaaaaaaaat 100
atttgttctt atgtattgaa gaagtgactt ttatataatg attttttaaa 150
tgcccaaagg actagttga aagcttcttt taaaaagaat tcctctaata 200
tgactttatg tgagaaggga taatacatga tcaaataaac tcagttttt 250
atggttactg taaaaaagac tgtgttaaggc agctcagcac catgcttntc 300
gtaaaaagcag cttcaattat cncntgggt tatctttga caacttgcca 350
ttatctgatg ttacacaatt caatagcaag caagttgag acaatcg 398

<210> 546
<211> 374
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 43, 99, 102, 129
<223> unknown base

<400> 546
cataaatata cccacccaa atggacgact tatgaaggaa ttncttgtga 50
aagctcattg gagtaaaatt tcctctcaaa caataactttt aggtcatang 100
cntgagtcata ttaattatTT ttctgttana ccctgccaaa aaagaatttt 150
aaaagttagt ttatgtttg tgtaaccatg ttcttcagaa tgcaggtatg 200
tgagcatcat ggttctggg taattctgct gctcctgtct ttgaaaatgg 250
agataccact tgcagcttat cccactgctg agtattccag cattggtagt 300
ggtttcactc cattgcattcc atccagaact ttcacacagg cctccccga 350
acccttgcg gcgcaagggg ttcg 374

<210> 547
<211> 251
<212> DNA
<213> Homo Sapien

<400> 547
aaaaaaaaaa aattaagtga acctctactt tagaatgttg gctttcata 50
tatgtacaaa acaaaagagg ttgcagtgtat ggcgtggata aaggcacctg 100
tgtactttc caacctatcc aatttcaaga tgtatcctt gtggattaca 150
ttggttcttt tctatggaat catgcacccctt agacctggga gaaaccagcg 200
tgacatccag ggtcaagggtt ttccaatcag gtattttggg caaggggttc 250
g 251

<210> 548
<211> 331
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 77
<223> unknown base

<400> 548
aaaaaaaaaa aaaaaaaaaagc taaaaacccct tgactaaatc tcccatgttt 50
tctcatatta taaaaaattc taaacgnnggg ttttttggtt ttgtttggtt 100
tttctgtttc tccctctgca gagttgttag cggttctcga gatgccactc 150
tttagggttg ggatatttag acaggccagt gtttacatgt tttgatgggt 200

catgttcag cagtccgctg tttcaatat gatggcagga gggttgttag 250
tggagcatat gatttatgg taaagggtgtg ggatccagag actgaaacct 300
gtctacacac gttgcagggg catgcggccg c 331

<210> 549
<211> 228
<212> DNA
<213> Homo Sapien

<400> 549
aaattatctt tactgatatg cgttgccaaa tcccatgaga aaagacatct 50
catttgaggt tccccttcct ctcatgtggt tgatttttg gaaggtgata 100
cagatgtggg taaccatgca aatgtttatg aataacttta ctgaagtgtat 150
tccatccgta ttctgttcta atacttgag aatgacccctc atatttat 200
attttatttc tttgtttcaa ctatccag 228

<210> 550
<211> 461
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 21
<223> unknown base

<400> 550
tgaagatatg ggagacctat ncttagatgt tgctgaagct tttctgtatgt 50
tggaaatata attctgcact tcccctcctc agggctcttg tttgctctga 100
aagataacaac cttgcagtag ttttggcttc gtcatgcaga atgtttaaag 150
gccttaggct atatggagcg agctgctgaa agctatggca aggtgggtga 200
tctggccccca ctccatttgg atgcaaggat ttcactttct acccttcagc 250
agcagctggg ccagcctgag aaagctctgg aagctctgga accaatgtat 300
gatccagata cttagcaca ggatgcaa at gtcacacagc aggaactgaa 350
gttattgctt catcgttcta ctctgttgtt ttcacaaggc aaaatgtatg 400
gttatgtgga taccttactt actatgttag ccatgcttt aaaggttagca 450
atgaatcgag c 461

<210> 551
<211> 205
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 23, 41, 66
<223> unknown base

<400> 551

tggacccag ttgtcagctg gnggtactg gatcatctt ntttatcac 50
aagataaaact atcaanttcc ccagcatcat gaccttggtg cgtaaaaag 100
gagttcacta cttctgttca ctttgagtct ctcaaattgg attctgtgtc 150
ctcctctgga gtctgtgctg catttattgc ttctgactct tccactaagc 200
cagag 205

<210> 552
<211> 331
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 39, 55, 66, 81, 90, 162, 164, 166, 170, 206, 245
<223> unknown base

<400> 552
ctaaaggga agaagaaaaa gaaaggattg gtcttgctnt aagggtaga 50
aaagngcaag gggancagg aaaggaaggc nccctacggn gtaattatga 100
aaatgcattg gaacttctgt ctgatgtttt gcttttttt tcatttctca 150
aaatatttct ananangtn ttaatccttc ttccaccatt tgcttagtt 200
ttaagngccc tgtgtgatag aagggttcat gttgtaaaat cagtnttgaa 250
taatcagaac acttctacca gattgtctaa tgttgatttg tttctggcac 300
tgcttctaaa tgtcttcctc ctcattctgc g 331

<210> 553
<211> 370
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 60, 64, 74, 101, 117, 142, 188, 290
<223> unknown base

<400> 553
taaaagaaaa gctaaagtt tactgtggcc aaaaaacccc tacatggct 50
gggactggn ggtntcttg accntatctt tgaccactt tctttttca 100
nttttctcaa ggcacanctg gcctccttt tgttcctggc antggaaaga 150
cttggccta cttcagggtc ttcatgtttg ttcttcntc tgccttgAAC 200
acccacctt ctccccaaatg ttccaggcag atggagtagt cacatggctc 250
actctttac ttttaagtc tctgctcaaa agcaaattt tcagccatgg 300
ctttcctgag caccctattt aaaattgctt tcctactcct acatggctgt 350
tctccttgc ttaccaccac 370

<210> 554
<211> 310

<212> DNA
<213> Homo Sapien

<400> 554
ttaaaaatagt aaaaaaaaaaa gaatttattt ttgttcttg ttagaatttc 50
tctgcaaaga atgtccaaaa attcatattc acattgatcg tatggcaaaa 100
agatgtccca gaagaacaag aacatatgag aagatggctg catgaacgtt 150
tcgaaatcaa agataagatg ctatagaat tttatgagtc accagatcca 200
gaaagaagaa aaagatttc tggaaaaagt gtaattcca aattaagtat 250
caagaagact ttaccatcaa tggatctt aagtggtttgc actgcaggca 300
tgcttatgac 310

<210> 555
<211> 202
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 30, 39, 62, 79, 109, 129
<223> unknown base

<400> 555
ccttattttc cattccaaat ggcagccagn ataaaattna tttcccacaa 50
tttcccttta angtaaggg ttgccttnc cgcaatgccc ctcacatgg 100
tctttggnc agtcggaag cccttgggnt cttgatggct ttgtgtctag 150
taataatgca gggtgctcaa ggaaataaaat tcagtgtgga tataactgaaa 200
ac 202

<210> 556
<211> 536
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 159
<223> unknown base

<400> 556
ggtccggaat aagccattag caatccttgc tgtatccagg ctttattttt 50
tatagactat ggacattttc aatataattc tgtgagtctt ggctttgctt 100
tgtgggtgt tcttggata tcttgtact gcgacccctt agggtcactg 150
gcatttttgt tagctataaa ttataaacag atgaaacttt accacgcctt 200
gccatttttt tgcttttac ttggcaagtg tttaaaaaaa ggcctcaaag 250
gaaaggggtt tgtgttgcta gttaagctt cttgtattgt tgtggcttcc 300
ttcgttatct gctggctgcc attcttaca gaaagggAAC aaaccctgca 350

ggttctaaga agactcttcc cggttgcac tggattattt gaggataaag 400
tagccaatat ttgggtgcagc ttcaatgtct tttgaagat taaggatatt 450
ttgccacgtc acatccaatt aataatgagc ttttgttta cgttttgag 500
cctgcttcct gcatgcataa aattaatact tcagcc 536

<210> 557
<211> 488
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 68, 118
<223> unknown base

<400> 557
aaatcttctt gagctttgtt ttgagatgta gttgagttaa ctataaaacc 50
gtttcattct ttgggtntt gttttatga tttatttagac agatatgaag 100
gagtgccttag tccagganta attattcctc accactgagg caagacttcc 150
tgtggactct gttgaatgtt ccatgaatta atagtttcc cagttggct 200
agtgggaaca gatactattc ctggcttgc atgagtatca ggccctgttc 250
cctcccattt tttctgatgt tttttctg gattctcata gtttcctcat 300
atgcataatgc tgatcagttt tttggtaat gcttgagaga agatctctat 350
agacctctgg gtttctttc tatgcaactg tctcctctca gcattctgtg 400
cagttattcc ttgctgcttt tttctctcct ggctcttaac tttctcttc 450
caactcagga gtcagctgag atttgcctca gttgccac 488

<210> 558
<211> 728
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 26, 40, 59, 97, 108, 117, 141, 156, 163, 169, 192, 215, 266, 482,
484, 558
<223> unknown base

<400> 558
ttgcccttgg gagtaaacct tgaatnattt taaaaaaacn acggttttaa 50
accttggcna ccgttgggtt gaggccttga ccaccttgg gacaccntgc 100
aagaggantc caacccnaaa caacaaccag gatgtgctcc nagcccagcc 150
cggggnntca gtnccatant ttgccatgtg tctgtccaga tntggggttg 200
agcggggggt ggggntgcaa cccagtggat tgggtcaccc ggcagactta 250
ggaaagggtga ggcgangtgg ggagttggca gaatccccat acctcgcaga 300
tttgctgagt ctgtcttgc cagagggcca gagaatggct tatgggggcc 350

caggttggat gggaaaggc taatggggtc agacccacc ccgtctaccc 400
ctccagtcag cccagcgccc atcctgcagc tcagctggga gcatcattct 450
cctgcttgt acatagggtg tggtcccctg gnangtgccc accatcatgt 500
ctaggcctat gctaggaggc aaatggccag gctctgcctg tgaaaaatc 550
aacactant ttctgatatg agggcagcac ctgcctctga atggaaatc 600
atgcaactac tcagaatgtg tcctcctcat ctaatgctca tctgtttaat 650
ggtgatgcct cgctacagg atctggttac ctgtgcagtt gtgaataccc 700
agaggttggg cagatcaagt tctctagt 728

<210> 559
<211> 586
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 34, 68, 70, 113, 119, 150, 291, 312
<223> unknown base

<400> 559
atccggctgg gatacaattt tcatttcca tttnactttt gtcaatttcca 50
ccttttaaga agacagcntn tcattcctga ggcattaaaa ttctccaggg 100
acaaagccat gcntcagtna catgtgttg cagagagaaa tgcacctgtn 150
tatctaaggg tagatttttgc atccctgaat aattcattga ctaaactgac 200
ctcttcctcc tggctaaata attaattttt gctggcttct ctctcagcgg 250
tttctattttt gtaaatttgc gcatgaccaa aatagccccca ntcaaaatca 300
attggattaa tnttaatggt ttgggttggat gaatattttt ggatgaatat 350
aaaatgtgct gcccttaca gatgacacca ctccccctgtc aatcatagca 400
catgtgtact ttttattttt acttaatagt gatggatttg cactttctt 450
tcctcatact ctttcctgtt ttcttctttt tacaatttgc tgcaggaggg 500
ctggatgccca gggtaaagag agaaattcat gacaaggaag gtaaaattgg 550
ttcaaatgag catgtgtccc acagccttag tctccc 586

<210> 560
<211> 648
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 71, 102, 113, 149, 157
<223> unknown base

<400> 560
ccggaaatt aagccctttt tttttttca aataataaaa gcttcgaaat 50

tgaaaggag aagtaaatat nccggatacc atgatttaat atgtagaaat 100
tnaagagat tcncaaacc tttaagataa aagccagtcc accaaagtta 150
aggatgnaag atcagtgtac ataaatctgt tttatttcca tataactgca 200
aagaggaatc ccaaaactga gattgaggaa agcatatata atagcatcaa 250
aaagtagtac aaaacatata ctctgaaaac tgcaaatgt tgagagaaat 300
taaataagta aatagataat cccatgttca tctagccaga ggactcatgt 350
attttgttta ttaaccctg atcagatgta tggttgcaa atatttctc 400
ccatttcata cattggctct tcattctgtt gattgttctc ttccctgtaca 450
gaagtttta agtttcatat ataattttag tggcttattt ttgccttctgt 500
tccctatgct gtgggggtca tatctaaaaa aggtcatcggt gcagaccaac 550
gtcatggaga tttccctgt gttccagta gtttacagt ttgggtctt 600
acatataagt ttgtttctt ttttcgaga tggaatcttgc ctctgcgg 648

<210> 561
<211> 322
<212> DNA
<213> Homo Sapien

<400> 561
aaaaaaaaaaa aaaaaaggc ggccgcgact ctagagtcga cctgcagggt 50
tttatccaa aatgaaatgg ttgggcacca aagagacaga aacccacaag 100
tcaaccactt aggtcacaca tggttctgaa agtcctatac tggatggat 150
tcccaggcac agaactcagg gctgctcagg aagagactat gattcttcca 200
cctgccagct actattggcc atcccttctc attgcttcta gctccagcct 250
tctcatccca attctctatt ctacattgtt atttctaacc cattgtgtgc 300
tggaaatca aaccactcag ca 322

<210> 562
<211> 275
<212> DNA
<213> Homo Sapien

<220>
<221> unsure
<222> 13, 206, 237
<223> unknown base

<400> 562
cccacgcgtc cgntgggtggc ttcaagaagaa attctcaaca cctagctcgc 50
cagagagtct atgtatggta ttgaacaatc tgtaaactaa aggatcctaa 100
tcatgaaaat aagtatgata aattataagt cactattggc actgttgttt 150
atattagcct cctggatcat ttttacagtt ttccagaact ccacaaagg 200

ttggtgtgct ctaaaacttat ccatctccct ccattantgg aacaactcca 250
caaagtccctt attccctaaa acacc 275
<210> 563
<211> 43
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide probe

<400> 563
tgtaaaacga cggccagttt aatagacctg caattattaa tct 43

<210> 564
<211> 41
<212> DNA
<213> Homo Sapien

<220>
<221> Artificial Sequence
<222> full
<223> Synthetic oligonucleotide probe

<400> 564
caggaaacag ctatgaccac ctgcacacct gcaaatccat t 41